EMERGENCY MEDICINE INDEX 1983

Volume 15

continued

Key to issues and dates in Volume 15

In entries, **boldface** *numbers refer to issue and lightface to pages in that issue.*

Issue No.	Date				
1	JANUARY 15	**8**	APRIL 30	**15**	SEPTEMBER 15
2	JANUARY 30	**9**	MAY 15	**16**	SEPTEMBER 30
3	FEBRUARY 15	**10**	MAY 30	**17**	OCTOBER 15
4	FEBRUARY 28	**11**	JUNE 15	**18**	OCTOBER 30
5	MARCH 15	**12**	JUNE 30	**19**	NOVEMBER 15
6	MARCH 30	**13**	JULY 15	**20**	NOVEMBER 30
7	APRIL 15	**14**	AUGUST 15	**21**	DECEMBER 15

Abdomen
Blast injury to, **2**:124
Bleeding during surgery of, control of, **13**:121
Ectopic pregnancy in, **20**:92
Gunshot wound in, **15**:60
Pain in
As symptom of ovarian tumor, **21**:139
As symptom of ureteral stump disease, **8**:82
As symptom of visceral embolization, **17**:135
Trauma to
Blunt, **1**:196
Bladder rupture from, **12**:111
In children, **14**:30
Complications of, **8**:63
Peritoneal lavage in assessment of, **18**:141
Priorities in management of, **10**:53
Coagulopathy after, **11**:203
Duodenal hematoma from, **12**:66
Hernia caused by, **17**:225
Management of, **15**:25
CT scanning in, **15**:31
Needle paracentesis in, **15**:30
Peritoneal lavage in, **9**:67; **15**:27

Abortion
See *Miscarriage*

Abscess
Amebic, of liver, **10**:45
Appendiceal, in elderly, **6**:60
Aspiration, differential diagnosis of, **19**:125
Otic, **1**:142
Pancreatic, **16**:187
Peritonsillar, **1**:154
Diagnosis and treatment of, **13**:130
Retropharyngeal, in children, **12**:132
Splenic, diagnosis and treatment of, **14**:118

Acetabulum
Fracture of, **19**:53

Acetaminophen
In asthma in children, **10**:96
In burns, for relief of pain, **15**:147

Acetazolamide
In acute mountain sickness, **2**:135

Acidosis
In congestive heart failure in infants, **3**:53
In hyperparathyroidism, **13**:102

Acne
Relationship of, to androgens, **14**:111

Acquired immunodeficiency syndrome
Care of patients with
Counseling in, **18**:167
Social services for, **18**:177
Definition of, **1**:197
Epidemiology of, **1**:204
Hepatitis B vaccine and, **18**:160
Incidence of, **1**:199
Isolation guidelines for mothers and newborns with, **21**:69
Kaposi's sarcoma and, **1**:199
Mortality in, **1**:198
Neuropsychiatric symptoms associated with, **18**:177
Overlooking, in pneumonia patients, **20**:178
Overreactions to, coping with, **18**:159
Precautions for medical workers, **1**:216
Prodromal, management of, **18**:166
Toxoplasmosis and, **12**:151

Acrolein
Poisoning from, **1**:237

Acrylonitrile
Poisoning from, **1**:237

Adenocarcinoma
Differential diagnosis of, **3**:95

Adenoma
Parathyroid, as cause of UTI, correction, **2**:11 (letter)

Adrenergic agents
Toxic effects of, **13**:142; **21**:107

AIDS
See *Acquired immunodeficiency syndrome*

Airway
Esophageal obturator, laceration caused by, **20**:178
Establishment of, **1**:177
Techniques for, **1**:172; **11**:183; **17**:11 (letter)
Foreign body in
Occult, **9**:119
In unconscious patient, **1**:87
Management of, in multiple injuries, **4**:179
Obstruction of
From burn injury, **15**:131
Upper
Helium in treatment of, **15**:235
Misdiagnosed, **18**:182

Alcohol
Hospital use of, to prevent DTs, **12**:109
Poisoning with, peritoneal dialysis for, in children, **6**:78
Synergistic effect of, on cardiac contusion, **13**:123

Alcoholism
Cirrhosis in, **13**:30
Treatment of, **13**:40
And heat stroke, **12**:109
Salivary hyperamylasemia in, **15**:87

Algicides
Swimming pool, poisoning with, **14**:103

Alkali
Ingestion of, **17**:163

Alkalinization
Of urine, in management of toxicologic emergency, **17**:196

Alkalosis
In milk alkali syndrome, **13**:102

Allergy
To cat dander, **15**:127
Conjunctivitis from, **3**:60
Milk, **15**:117
Ragweed, rhinitis due to, **8**:151
Self-test on (ACP), **19**:138
See also *Anaphylaxis*

Alpha adrenergics
Toxic properties of, **21**:107

Altitude sickness
High, acetazolamide for, **2**:135
In travelers, **11**:56

Amebiasis
Diagnosis and treatment of, **12**:52
Liver abscess from, **10**:45

Aminoglycosides
In burn treatment, **16**:51
Criteria for choice of, **10**:133

Amoxicillin
In otitis media, **18**:109

Amphetamines
Overdose of, effects on heart, **17**:185

Ampicillin
Contraindicated in penicillin allergy, correction, **10**:11 (letter)

Amputation
Of hand in treatment of penetrating injury, **13**:79
Leg, and prevention of renal failure, **7**:86
Replantation after, primary care for, **10**:61
Self-, psychiatric management in, **10**:74

Amylase
Lavage, elevations in, not reliable, **2**:159
Serum
In retroperitoneal injury, **15**:41
Salivary vs. pancreatic, **15**:87

Amyl nitrite
Contraindicated in tetralogy of Fallot, **12**:11 (letter)

Anaphylaxis
Caused by milk allergy, **15**:118, 122
Epinephrine in treatment of, as cause of arrhythmias, **7**:47
From food and drug preservatives, **8**:123

Androgens
Excess of, relation to acne, **14**:111

Anemia
Blood substitute in treatment of, **6**:168
Differential diagnosis of cause of, **16**:123
In the elderly, **21**:26
Hemolytic, **21**:26
Iatrogenic, **21**:26
Iron-deficiency, **21**:26
As symptom of milk allergy, **15**:118
In newborns and children, **17**:52; **20**:64; **21**:26
Overview of, **21**:26
Pernicious, **21**:26
As side effect in cancer patients, **3**:77
In Southeast Asian refugees, **19**:110

Anesthesia
Cocaine as, **4**:81
General, for burn pain relief, **15**:157
In reducing wrist fractures, **14**:195
In wound debridement, **21**:143

Aneurysm
Aortic
Anastomotic, **6**:106
Ruptured, **2**:213
Ultrasound in diagnosis of, **12**:139

Angina
Cervicoprecordial, diagnosis and treatment of, **14**:248
Echocardiography in, **1**:73
Ludwig's, **1**:154
Precipitated by anemia, **21**:26
From ritodrine in pregnancy, **5**:66
Treatment of, with calcium channel blockers, **18**:27
Unstable
Definition and diagnosis of, **14**:271
Drug therapy in, **14**:276; **18**:27
Nondrug management of, **14**:282
Variant
Calcium channel blockers in, **18**:31
Diagnosis and management of, **14**:284

Angiography
In blunt trauma, **1**:107
Interventional, **20**:27
In penetrating neck wounds, **14**:267

Ankle
Injury to
Ligament, **14**:81; **20**:13 (letter)
X-ray guidelines for, **20**:140
Sprain, lateral, as false diagnosis for peroneal tendon dislocation, **18**:78

Antacids
Overuse of, **13**:101
In ulcer treatment, **16**:107

Antiarrhythmics
As cause of torsade de pointes, **6**:97
Multiple therapy with, contraindicated, **8**:160
Use of, in pregnancy, **13**:104
See also specific drugs

Antibiotics
After appendectomy in children, **6**:105
For burns, **16**:50
Criteria for choice of, **10**:114
In ear injuries, **1**:123
IV, self-administered in home care, **4**:82
In otitis, **1**:132
In pneumonia, **19**:24
In respiratory infection, **14**:63
In septic shock, **4**:101
Correction, **10**:11 (letter)
In urinary tract infection, **6**:116
See also specific drugs

Anticholinergics
In treatment of ulcer, **16**:108

Anticonvulsants
Guidelines for use of, **11**:179
In neonatal seizures, **17**:132

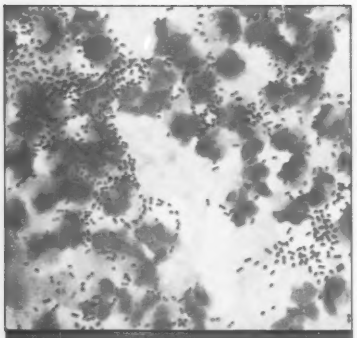
Antidepressants
Classified, **3**:229
Overdose of, **3**:225
Effects of, on heart, **17**:182
Management of, **3**:232
Correction, **11**:8 (letter)
Types and uses of, **5**:170
See also specific drugs

Antihistamines
Overdose of, **8**:180
In treatment of milk allergy, **15**:123

Antihypertensive drugs
In pregnancy, **7**:32
See also specific drugs

Anti-inflammatory drugs
Adverse reactions to, **4**:133
For osteoarthritis, **4**:121
See also specific drugs

continued



Pneumococcal pneumonia

Critical care unit

Antishock trousers
Controversy in use of, **3**:207
Mechanism of action of, **3**:207

Anus
Imperforate, in newborns, surgical management of, **17**:122

Anxiety
As cause of violence in ER, **9**:30
From posttraumatic war stress, **8**:79

Aorta
Aneurysm of
Anastomotic, **6**:106
Ruptured, **2**:213
Ultrasound in diagnosis of, **12**:139
Coarctation of, screening for, **19**:87
Dissection of, clinical diagnosis of, **1**:30
Injury to, from blunt trauma, **10**:53
Rupture of
With cardiac arrest, **5**:77
Thoracic, **6**:151

Aortic regurgitation
Clinical diagnosis of, **1**:29

Aortic stenosis
Echocardiography in, **1**:65

Aphasia
As symptom of subdural hematoma, **14**:76

Apnea
Sleep, treatment of, **19**:99

Appendicitis
Antibiotics in postoperative treatment of, in children, **6**:105
Diagnosis of, in elderly, **6**:60
Gynecologic disease misdiagnosed as, **1**:195

Aralen
See *Chloroquine*

Arm
Casting, proper position for, **14**:117
Fracture of, **9**:170; **13**:235; **11**:163
In children, **14**:39
Ischemic, intraarterial tolazoline for, **20**:81
Sports injuries to, overview of, **14**:150, 170, 178

Arrhythmias
Calcium channel blockers for, **18**:24
Caused by blunt chest trauma, **13**:122
Drug-induced, **6**:97; **9**:106
Electroshock in, techniques of
Cardioversion, **2**:45
Defibrillation, **2**:40
Correction, **6**:11 (letter)
Epinephrine as cause of, **7**:47
Multiple drug therapy contraindicated for, **8**:160
In pregnancy, **13**:104
Sick sinus syndrome, **4**:52
Ventricular
Precordial thump contraindicated in, **15**:239
In sudden death syndrome, **2**:51
See also specific arrhythmias

Arterial injury
Blue toe syndrome in diagnosis of, **18**:75
Fistula, from gunshot wound, **21**:135
Subclavian rupture, signs of, **9**:75

Arterial lines
Placement of, **9**:221

Arteriography
In diagnosis of arteriovenous fistula, **21**:135
Indications for, in subclavian artery rupture, **9**:75
Renal, in evaluation of trauma, **18**:124

Arthritis
Elbow pain from, **12**:123
Lyme, **14**:225
Osteo-, **4**:111
Cervical, relation to angina, **14**:248
Diagnosis of, **4**:113
Drugs for, **4**:120
Management of, **4**:115
Mechanism of, **4**:112
Rheumatoid
Emergencies in, **9**:231
Polyarthralgia, **5**:47
Self-test on (ACP), **19**:159

Ascariasis
Diagnosis of, **12**:30

Ascites
As complication of cirrhosis, **13**:41
Massive unexplained, **2**:77

Asphyxia
In newborns, **5**:116
From thoracic dysplasia, **17**:83

Aspiration
Gastric, cimetidine for, **3**:224
Meconium, in newborns, **5**:118
Pneumonia from, **19**:125

Aspirin
See *Salicylates*

Asthma
Acetaminophen for, in children, **10**:96
Acute
Assessment of, **17**:211
Inhalation therapy for, **5**:172
As adverse reaction to preservative, **8**:123
Aftercare for, in adults, **10**:155
Cough as sign of, **2**:184
Desensitization in, **2**:11 (letter)
Psychosomatic influences on, **5**:13 (letter); **12**:11 (letter)
In travelers, **11**:57

Atherosclerosis
And salmonellosis, **12**:162

Athlete's foot
Tricks in treatment of, **15**:127

Athletics
See *Sports medicine*

continued

Auscultation
In children, **18**:137

Autonomic agents
Toxic effects of, **13**:139; **14**:287; **21**:107

Autonomic nervous system
In toxic episodes, **13**:134
Adrenergic effects, **13**:142; **21**:107
Cholinergic effects, **13**:141; **14**:287

B

Back
See *Spine*

Bacteremia
In children, treatment of, **6**:175
Clostridial, **2**:111

Bacteroides fragilis
Clindamycin-resistant strains, **20**:150

BANS lesions
In staging melanoma, **9**:133

Barotrauma
As cause of
Ear injury, **1**:125
Sinusitis, **1**:153
As result of drug abuse, **17**:195

Batteries
Swallowed by children, **16**:89

Beclomethasone
In allergic rhinitis, **8**:151

Beta adrenergics
In suppression of premature labor, **17**:31
Toxic properties of, **21**:107
See also specific agents

Beta agonists
Inhalation therapy with, in asthma, **5**:172
Toxic properties of, **21**:107

Beta blockers
In coronary artery spasm, **18**:32
In delirium tremens, **6**:11 (letter)
In patients taking calcium channel blockers, **18**:25
During pregnancy, **13**:109
Toxic properties of, **21**:107
In unstable angina, **14**:276; **18**:27

Bilirubin
Monitoring of, in sick newborns, **17**:68

Biopsy
In burns, for sepsis, **16**:48
Liver, in diagnosis of cirrhosis, **13**:30
In melanoma, **9**:128
Thyroid, indications for, **19**:91

Bites
Arthropod, **11**:156
Dog, of head, **19**:72
Snake
Exvenomation with breast pump, **20**:141
Types and management of, **11**:120; **21**:11 (letter)
Spider, types and management of, **11**:142
See also *Stings*

Bladder
Catheterization of, procedure for, **13**:280
Trauma to, **6**:145
Rupture from, **12**:111
See also *Urinary tract infection*

Blast injuries
Management of, **2**:116
Mechanism of, **2**:117
Types of, **2**:119

Bleeding
Abdominal
After surgery, control of, **13**:121
In trauma, and coagulopathy, **11**:203
From blunt trauma, in children, **14**:32
In cancer patients, from therapy, **3**:81
As cause of stroke, **4**:165
As complication of cosmetic surgery, **4**:30
Delayed, as cause of hematoma, **8**:129
In eye, **2**:66; **12**:70
Head, from trauma, **1**:172
In multiple injury, **4**:180
Subarachnoid, diagnosis of, **13**:315
In ulcer patients, management of, **16**:112
Vaginal, factitious, **2**:94
See also *Epistaxis; Hematoma*

Blepharitis
Types of, **3**:58

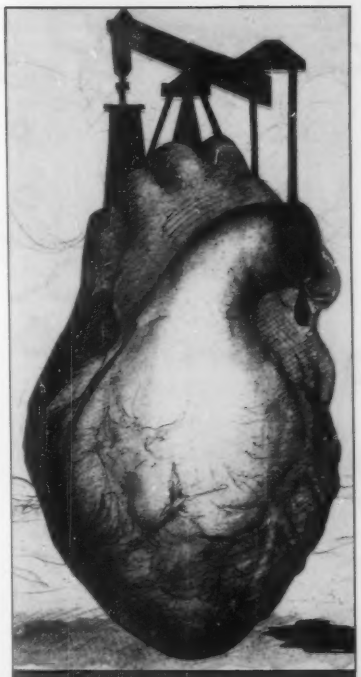
Blepharoplasty
Complications of, **4**:29

Blood
Cultures of, overused, **17**:236
Error in lab results on, source of, **6**:96
Hypervolemic dilution of, after stroke, **15**:231
Rh incompatibility of, in spontaneous abortion, **13**:161
Substitutes for, **4**:195; **6**:166
Transfusion of
In children, **6**:73
In shock, **5**:44
Typing before, **20**:115
In treatment of multiple injury, **4**:189

Blood factors
Replacement of, in fractured hemophiliacs, **8**:84

Blood gases
Analysis of, in management of drug overdose, **17**:187
Effect of hypothermia on, **10**:11 (letter)

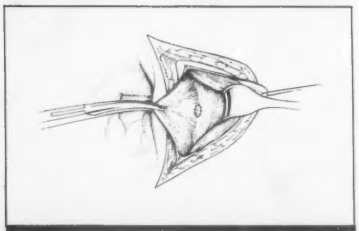
continued



Heart failure

Mycobacterium

Parasites



Peritoneal lavage

Measurement of, in sick newborns, **17**:59

Blood pressure
In diagnosis of shock in newborns, **17**:40
Pulmonary wedge, in trauma patients, **8**:27
Reduction of, effect on elderly, **2**:11 (letter)
See also *Hypertension; Hypotension*

Blue toe syndrome
As possible result of blunt trauma, **18**:71

Bone
Abnormalities of, in newborns, x-ray diagnosis of, **17**:99
Radionuclide scanning in, **5**:88
Trauma to, CT scanning in, **2**:147
See also *Fractures*

Brachial plexus
Sports injuries to, diagnosis and treatment of, overview, **14**:170

Brain
Bleeding in, **11**:116
Damage to, after prolonged CPR, **16**:13 (letter)
Determining death of, **12**:170
Injury
  In children, **14**:45
  Feeding in patients with, **16**:82
Organic syndrome in, screening test for, **9**:212
See also *Stroke*

Breast
Cosmetic surgery for, complications of, **4**:47

Bretylium
In ventricular arrhythmias, **2**:55

Bronchiectasis
In children, diagnosis and treatment, **16**:134

Bronchospasm
Upper airway obstruction misdiagnosed as, **18**:182

Bulimia
Diagnosis and treatment of, **12**:72

Burns
Airway obstruction in, **15**:131
Candida septicemia in, management of, **16**:51
Centers for care of, **10**:156
  Correction, **16**:13 (letter)
  When to transfer patients to, **15**:137
Chemical
  Of eye, **14**:148; **21**:145
  Lavage for, **3**:108
Depression in, **15**:147
Diarrhea in, **16**:52
Diuresis in, **16**:59
Drug prophylaxis in, **16**:48, 51
Electric, **8**:99
  Factors in, **8**:100
  From lightning, **7**:100; **8**:113
  Patterns in, **8**:102
  Rescue in, **8**:104
  Treatment for, **8**:106
Exercise in treatment of, **16**:42
Of eyes
  Chemical, **14**:148
  From ultraviolet light, **1**:111
Fluid and electrolytes in, restoration of, **15**:84
Glucose intolerance in, **16**:59
Hypermetabolism in, **16**:52
Hypovolemic shock from, **15**:132
Inhalation injury from, **15**:131, 167
  Carbon monoxide poisoning in, **15**:167
  Clinical signs of, **15**:173
  Xenon lung scanning in evaluation of, **15**:178
Initial assessment of, **15**:130
Intravenous hyperalimentation in, **16**:52
Jejunal tube feeding in, **16**:53
Nitrogen equilibrium in, maintenance of, **16**:57
Nutrition in, **16**:52
Pain in
  Assessment of, **15**:153
  Management of, **15**:136, 141; **16**:37
Physical therapy for, **16**:42
Psychology of patients with, **16**:29
Sepsis in, **16**:47
  From catheter, **16**:59
Skin grafts for, **16**:50
Splints in treatment of, **16**:45
Stress in, **16**:28
Tar, removal of, **7**:11 (letter)
Tests for sepsis in, **16**:48
Traction in treatment of, **16**:45

Buttocks
Penetrating injury to, **10**:103

C

Caffeine
Overdose with, **8**:181

Calcium channel blockers
In cardiac problems, **18**:24
Precautions on use of, **18**:25

Calcium chloride
In treatment of cardiac arrest, high mortality with, **16**:155

Cancer
As cause of renal failure, **14**:141
Emergency complications in, **3**:73
Occupational causes of, **10**:180
Ovarian, in children, **21**:139
Self-test on (ACP), **19**:140
Septic shock as complication of chemotherapy in, **4**:109

continued on page 173

Thyroid
Differential diagnosis of, **3**:95
Medullary, early diagnosis of, **15**:83
Misdiagnosis of, **18**:182
Whipple's disease misdiagnosed as, **18**:32
See also specific sites and types

Candida
Infections from, **4**:90
Septicemia from, in burn patients, management of, **16**:51
Tests for, **4**:90

Capoten
See *Captopril*

Captopril
In chronic heart failure, **5**:209
In refractory hypertension, **7**:103

Carbon monoxide
Poisoning from
In burn patients, **15**:167
Differential diagnosis of, **13**:316

Cardiac arrest
And aortic rupture, **5**:77
Calcium chloride in treatment of, high mortality associated with, **16**:155
From high-voltage electricity, **8**:99
CPR in treatment of, **16**:13 (letter)
Ventricular defibrillation in
Energy levels in, **5**:161
Techniques of, **2**:40

Cardiac contusion
As cause of arrhythmias, **13**:122

Cardiac tamponade
In chest trauma, **3**:115
Clinical diagnosis of, **1**:32
ECG in, **1**:53
Echocardiography in, **1**:69

Cardiopulmonary resuscitation
Initiation of, in prehospital care, **18**:11 (letter)
In newborns, **5**:114; **11**:8 (letter)
In poisoning, **9**:98
In trauma
Contraindications to, **12**:147
Thoracotomy in, selective use of, **6**:81; **19**:77
In treatment of cardiac arrest from high-voltage electricity, **16**:13 (letter)

Cardioversion
Techniques of, **2**:45

Catheterization
Bladder, **13**:280
Of the brachial vein, **20**:131
Intraarterial, technique for, **9**:221
Intravenous, **13**:167
Administration of drugs by, **13**:189
Central venous insertion, **13**:203
Choice of equipment, **13**:183
Choice of site for, **13**:168
Venodilators, **13**:195
Wire-guided, **13**:194
For rapid fluid replacement, **18**:65
Sepsis from, in burn patients, **16**:59
In urethral trauma, **16**:63

Catheters
Angiographic, radiologically guided, use in trauma, **20**:27
In fluid resuscitation, **2**:128
For IV therapy, **2**:126; **13**:11 (letter)
Sump, for drainage of pancreatic abscess, **16**:190
Ten-gauge, for rapid fluid replacement, **18**:65

Cefamandole
Contraindicated in meningitis, correction, **1**:11 (letter)

Central nervous system
Catheterization of, **13**:203
Herniation, mismanaged as drug overdose, **17**:207
In management of poisoning, **17**:165

Central venous pressure
Catheterization for, **13**:203
Internal jugular, **5**:111
Interpretation of, **13**:226

Cephalosporins
Activity of, **10**:118
Classification of, **10**:116
Criteria for choice of, **10**:116

Cerebrovascular accident
See *Stroke*

Cervix
Ectopic pregnancy in, **20**:92
Visualization of, technique for, **8**:122

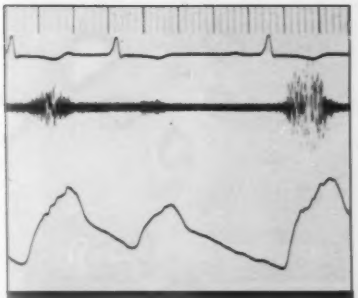
Chalazion
Signs of, **3**:58

Charcoal
Activated
In management of poisoning, **17**:155
Delayed use of, **9**:218
Mushroom, **19**:104

Chemotherapy
In melanoma, **9**:151
Septic shock as complication of, **4**:109

Chest
Auscultation of, in children, **18**:137
Drainage of, **12**:180
Flail, mechanism and treatment of, **9**:238
Pain in
Diagnosis of, **1**:73; **4**:89
In myocardial infarction, **20**:170
Trauma to
Blunt, **1**:96
Cardiac contusion from, **5**:81; **8**:49
In children, **14**:30

continued



Aortic stenosis

Trauma in children

Poisoning

Finger fractures

Controversies in management of, **12**:169
Priorities in management of, **10**:53
Ruptured thoracic aorta from, **6**:151
Penetrating
Pericardial tamponade from, **3**:115
Removal of foreign bodies in, **20**:107
X-rays of
Abnormal, interpretation of, **3**:95
In children, **11**:112

Children
Abuse of
Diagnosis of, by x-ray, **16**:68
False diagnosis of, in Southeast Asians, **19**:110
Anemia in, **20**:64; **21**:26
Appendicitis in, use of antibiotics for, **6**:105
Bacteremia in, **6**:175
Battery-swallowing in, **16**:89
Blunt abdominal trauma in, **14**:30
Bronchiectasis in, **16**:134
Cardiac screening in, for athletes, **15**:222
Chest auscultation in, **18**:137
Chest x-rays in, **11**:112
Croup in, **1**:157
Diarrhea in
Aftercare guidelines for, **1**:109
Lactase deficiency as cause of, **12**:93
From overemphasis on oral fluid therapy, **18**:153
As difficult patients, management of, **3**:103
Trick for, **21**:143
Dog bites in, **19**:72
Ear examination in, **6**:165
Epiglottitis in, **1**:156; **15**:80
Fear of obesity in, **20**:142
Fractures in, **6**:157; **10**:147; **14**:38
Head injury in, **14**:45
Heart disease in, **15**:224
Hemorrhage in, **14**:32
Hospitalized, trick for managing, **21**:143
Immunization of, **15**:127
Infectious diseases among, in day care, **17**:216
Intramuscular injections in, technique for, **9**:185; **20**:13 (letter)
Lightning injury in, **7**:100
Milk allergy in, **15**:117
Mumps in, aftercare guidelines for, **6**:111
Otitis media in, diagnosis and management of, **13**:116; **18**:97
Ovarian tumors in, **21**:139
Peritoneal lavage in, **15**:32
Plague in, incidence and treatment, **9**:207
Respiratory distress in, trick for determining, **20**:141
Retarded growth in undernourished, **20**:142
Retropharyngeal abscess in, **12**:132
Screening for coarctation in, **19**:87
Sinusitis in, **13**:128
Sleep apnea in, **19**:99
Temperature taking in, **12**:93
Urinary tract infections in, **6**:114
Single-dose treatment for, **11**:119
Varicocele in, indications for surgical repair of, **19**:122

Chin
Cosmetic surgery for, complications of, **4**:37

Chlamydia
Isolation guidelines for mothers and newborns, **21**:69
In urinary infections in women, **11**:210

Chloroquine
Dosage schedule for, **20**:89
Malarial strains resistant to, **20**:89
In prophylaxis, **11**:44

Cholecystitis
See *Gallbladder*

Cholecystography
Alternatives to, **10**:104
Oral, in acute cholecystitis, **10**:105

Cholera
Immunization against, **11**:38

Cholinergic agents
Toxic effects of, **13**:141
Agonists, **14**:287
Antagonists, **14**:292

Chylothorax
Diagnosis and management of, **14**:73

Chymopapain
In treatment of herniated lumbar disk, **15**:103

Ciguatera
Poisoning from **1**:91

Cimetidine
Interaction of, with lidocaine, **2**:55
In prophylaxis for gastric aspiration, **3**:224
In scombroid poisoning, **10**:48
In ulcer treatment, **16**:107

Cirrhosis
Alcoholism in, **13**:30
Biliary, **13**:31
Complications of, **13**:41
Decompensation in, **13**:36
Diagnosis of, **13**:29
Hemochromatosis in, **13**:35
Hepatitis as cause of, **13**:35
Jaundice in, **13**:32
Wilson's disease in, **13**:35

Clavicle
Fracture of, **5**:148

Cleft palate
In combination with otitis media, **13**:116

Cleocin
See *Clindamycin*

Clindamycin
Bacteroides fragilis resistant to, **20**:150

Clinoril
See *Sulindac*

Clostridium
Bacteremia from, **2**:111

Coagulopathy
After abdominal trauma, **11**:203
Epistaxis as sign of, **1**:149

Coarctation
Of aorta, screening children for, **19**:87

Cocaine
Abuse of, **4**:67
As cause of pneumomediastinum, **16**:163
Anesthesia with, **4**:81
Casey Jones reaction to, **4**:73
Overdose of, effects on heart, **17**:185

Colitis
Entero-, neonatal necrotizing, **17**:123
Ulcerative, manifestations and treatment of, **14**:216

Colon
Vascular malformation of, as cause of anemia, **16**:131
Volvulus of
Transverse, **14**:69
X-ray diagnosis of, **6**:192

Coma
Corneomandibular reflex in diagnosis of, **1**:115
Hypermagnesemia as cause of, **2**:101
From poisoning, management of, **17**:165

Computed tomography
See *Scanning*

Concussion
In athletes, **9**:192

Conjunctivitis
Allergic, **3**:60
Differential diagnosis of, **2**:65
Hemorrhagic, **12**:70

Constipation
In diabetes, **13**:89
Treatment for, **10**:212

Corneomandibular reflex
In diagnosis of coma, **1**:115

Coronary arteries
Spasm of
Beta blockers for, **18**:32
Calcium blockers for, **18**:31

Cough
Causes and therapy for, **8**:143
As sign of asthma, **2**:184

Counterpulsation
Intra-aortic balloon, in unstable angina, **14**:282

Cricothyroidotomy
Device for, **17**:11 (letter)
Technique for, **1**:172; **11**:183
Use of, in shock, **5**:40

Critical care unit
National Institutes of Health, Consensus Development Conference report on, **16**:165

Crohn's disease
Causes and treatment of, **14**:224
High-risk groups for, **14**:223

Croup
Management of, **1**:157

Cumene
Poisoning with, **1**:238

Curettage
Suction, in ED
Contraindication to, **13**:149
Indications for, **13**:152
Objection to, **19**:11 (letter)
Procedure, **13**:150

Cyanosis
As sign of persistent pulmonary hypertension in newborns, **7**:155

Cystic fibrosis
As cause of bronchiectasis in children, **16**:134

Cystitis
Treatment of, **6**:117

Cytomegalovirus
In newborns, **12**:79

D

Dapsone
In treatment of leprosy, **7**:90

Day-care centers
Spread of infections in, **17**:216

D&C
See *Dilatation and curettage*

Deafness
See *Hearing*

Death
Brain, determination of, **12**:171
Of newborns, parent counseling for, **13**:96
Sudden, ventricular rhythm disturbances in, **2**:51

continued

Occupational disease

Defibrillation
Energy levels in, **5**:161
Guidelines for, **2**:40
Correction, **6**:11 (letter)

Delirium tremens
As cause of in-hospital heatstroke, **12**:109

Delivery
Cesarean, breech twins, **8**:169
Premature
Prevention of, **17**:28
Risk factors for, **17**:29
See also *Newborns, resuscitation*

Dengue
From returning travelers, **8**:89

Depression
In burn victims, **15**:147
Diagnosis and management of, **5**:167
From posttraumatic war stress, **8**:79
In Southeast Asian refugees, **19**:110

Dermatitis
Caused by milk allergy, **15**:118

Dermatology
Self-test on (ACP), **19**:162
See also *Skin*

Dexamethasone
In cystic acne, **14**:111

Diabetes
GI complications in, **13**:83
Constipation in, **13**:89
Diarrhea in, **13**:90
Fecal incontinence in, **13**:95
Gastroparesis diabeticorum, **13**:83
Malignant otitis externa in, **1**:131
Traveling with, **11**:60

Dialysis
In management of toxicologic emergencies, **17**:197
Peritoneal, in alcohol poisoning in children, **6**:78

Diaphragm
Trauma to
Blunt
As cause of herniation, **13**:115
In children, **14**:31
Hernia of, in newborns, **17**:84, 104
Misdiagnosis of, **13**:115
Penetrating, as cause of pneumothorax, **13**:115
Vaginal, easier insertion of, **14**:117

Diarrhea
In burn patients, **16**:52
In children
Aftercare guidelines for, **1**:109
Lactase deficiency as cause of, **12**:93
Prolongation of, from overemphasis on oral fluid therapy, **18**:153
In diabetes, **13**:90
Isolation guidelines for mothers and newborns with, **21**:169
Lactase deficiency as cause of, **12**:93
Traveler's, **11**:26

Diazepam
In burns, for relief of pain, **15**:147
In cocaine overdose, **4**:79
In vertigo, **1**:142
Withdrawal syndrome in, **11**:196

Diesel fuel
Poisoning with, **1**:238

Digitalis
Poisoning with, **11**:191

Digoxin
In arrhythmias, compared with verapamil, **18**:26
In heart failure
Chronic, **5**:201
Congestive, in infants, **3**:45
Interactions of
With quinidine, **13**:110
With verapamil, **13**:110
Overdose of
Clinical symptoms of, **13**:298
Treatment of, **13**:281
Use of during pregnancy, **13**:109

Dilatation and curettage
For miscarriage, in the ED, **13**:149; **19**:11 (letter)

Diltiazem
In arrhythmias, **18**:24

Disaster management
See *Emergency care*

Disk
Lumbar, chymopapain in treatment of, **15**:103

Dislocations
Ankle, peroneal tendon, differential diagnosis of, **18**:78
Elbow, **11**:171
Finger, **14**:189
Forearm, **13**:235
Galeazzi, **13**:238
Monteggia, **13**:235
Hip, **19**:53
Shoulder, **5**:148; **7**:69; **14**:16 (letter); **14**:158
Spinal, thoracolumbar, **1**:183
Wrist, **14**:195
See also *Fractures*

Disopyramide
Use of during pregnancy, **13**:110
Verapamil contraindicated with, **18**:26

Diuresis
In burn patients, **16**:59

Diuretics
In ascites, **13**:44

continued

TIGAN® (trimethobenzamide HCl)

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Tigan is indicated for the control of nausea and vomiting.

Contraindications: The injectable form of Tigan in children, the suppositories in premature or newborn infants, and use in patients with known hypersensitivity to trimethobenzamide are contraindicated. Since the suppositories contain benzocaine they should not be used in patients known to be sensitive to this or similar local anesthetics.

Warnings:

Caution should be exercised when administering Tigan to children for the treatment of vomiting. Antiemetics are not recommended for treatment of uncomplicated vomiting in children and their use should be limited to prolonged vomiting of known etiology. There are three principal reasons for caution:

1. There has been some suspicion that centrally acting antiemetics may contribute, in combination with viral illnesses (a possible cause of vomiting in children), to development of Reye's syndrome, a potentially fatal acute childhood encephalopathy with visceral fatty degeneration, especially involving the liver. Although there is no confirmation of this suspicion, caution is nevertheless recommended.

2. The extrapyramidal symptoms which can occur secondary to Tigan may be confused with the central nervous system signs of an undiagnosed primary disease responsible for the vomiting, e.g., Reye's syndrome or other encephalopathy.

3. It has been suspected that drugs with hepatotoxic potential, such as Tigan, may unfavorably alter the course of Reye's syndrome. Such drugs should therefore be avoided in children whose signs and symptoms (vomiting) could represent Reye's syndrome. It should also be noted that salicylates and acetaminophen are hepatotoxic at large doses. Although it is not known that at usual doses they would represent a hazard in patients with the underlying hepatic disorder of Reye's syndrome, these drugs, too, should be avoided in children whose signs and symptoms could represent Reye's syndrome, unless alternative methods of controlling fever are not successful.

Tigan may produce drowsiness. Patients should not operate motor vehicles or other dangerous machinery until their individual responses have been determined. Reye's syndrome has been associated with the use of Tigan and other drugs, including antiemetics, although their contribution, if any, to the cause and course of the disease hasn't been established. This syndrome is characterized by an abrupt onset shortly following a nonspecific febrile illness, with persistent, severe vomiting, lethargy, irrational behavior, progressive encephalopathy leading to coma, convulsions and death.

Usage in Pregnancy: Trimethobenzamide hydrochloride was studied in reproduction experiments in rats and rabbits and no teratogenicity was suggested. The only effects observed were an increased percentage of embryonic resorptions or stillborn pups in rats administered 20 mg and 100 mg/kg and increased resorptions in rabbits receiving 100 mg/kg. In each study these adverse effects were attributed to one or two dams. The relevance to humans is not known. Since there is no adequate experience in pregnant or lactating women who have received this drug, safety in pregnancy or in nursing mothers has not been established.

Precautions: During the course of acute febrile illness, encephalitides, gastroenteritis, dehydration and electrolyte imbalance, especially in children and the elderly or debilitated, CNS reactions such as opisthotonos, convulsions, coma and extrapyramidal symptoms have been reported with and without use of Tigan or other antiemetic agents. In such disorders caution should be exercised in administering Tigan, particularly to patients who have recently received other CNS-acting agents (phenothiazines, barbiturates, belladonna derivatives). It is recommended that severe emesis should not be treated with an antiemetic drug alone; where possible the cause of vomiting should be established. Primary emphasis should be directed toward the restoration of body fluids and electrolyte balance, the relief of fever and relief of the causative disease process. Overhydration should be avoided since it may result in cerebral edema.

The antiemetic effects of Tigan may render diagnosis more difficult in such conditions as appendicitis and obscure signs of toxicity due to overdosage of other drugs.

Adverse Reactions: There have been reports of hypersensitivity reactions and Parkinson-like symptoms. There have been instances of hypotension reported following parenteral administration to surgical patients. There have been reports of blood dyscrasias, blurring of vision, coma, convulsions, depression of mood, diarrhea, disorientation, dizziness, drowsiness, headache, jaundice, muscle cramps and opisthotonos. If these occur, the administration of the drug should be discontinued. Allergic-type skin reactions have been observed; therefore, the drug should be discontinued at the first sign of sensitization. While these symptoms will usually disappear spontaneously, symptomatic treatment may be indicated in some cases.

Note: The injectable form is intended for intramuscular use only; it is not recommended for intravenous use.

How Supplied: Suppositories, Pediatric, 100 mg, boxes of 10. Suppositories, 200 mg, boxes of 10 and 50.
Ampuls, 2 ml, boxes of 10. Multiple-Dose Vials, 20 ml. Thera-Ject® (Disposable Syringes), 2 ml, boxes of 25. Capsules, 250 mg, bottles of 100 and 500; 100 mg, bottles of 100.

Beecham
laboratories
Bristol, Tennessee 37620

X-rays of glass

Osteoarthritis

In cardiogenic shock, **2**:32
In management of toxicologic emergency, **17**:196
In prevention of oliguria associated with shock, **16**:13 (letter)

Dobutamine
In cardiogenic shock, **2**:36

Dog bites
See *Bites*

Dopamine
In cardiogenic shock, **2**:36
In cocaine overdose, **4**:79
In congestive heart failure in infants, **3**:48

Drugs
Abuse of
  Hypoglycemia from, **21**:152
  Pneumothorax from, **17**:195
In cancer therapy, complications from, **3**:74
As cause of developmental alterations, **5**:97; **7**:39
As cause of error in interpretation of lab tests, **6**:95
Illegal transportation of, in GI tract, **8**:170
Interactions of
  In combination antiarrhythmic therapy, **2**:55; **8**:160; **13**:110
  In tuberculosis therapy, **3**:164
Overdose with
  Organ system approach to, **17**:150
  Over-the-counter, **8**:175
In pregnancy, use of antiarrhythmic, **13**:104
Reactions to
  Preservatives in, **8**:123
  In tuberculosis, **3**:149
Vasoactive, in shock, **2**:28
See also *Poisoning;* specific agents

Dysmorphic syndromes
See *Teratogenicity*

Dysplastic nevus syndrome
See *Nevus*

Dyspnea
Differential diagnosis of, with echocardiography, **1**:54
From metastatic cancer of prostate, **1**:79

E

Ear
Abscess in, **1**:142
Antibiotics for, **1**:123
Barotrauma to, **1**:125
Blast injury to, **2**:120
Bullous myringitis in, **1**:132
Cosmetic surgery of, complications of, **4**:37
Eardrops in, **1**:123
Emergencies, **1**:120
Examination of, in children, **6**:165
Fistulas in, **1**:125
Foreign body in, **1**:143
Pus removal from canal, **2**:184
In vertigo, **1**:125, 141
See also *Hearing loss; Mastoiditis; Otitis*

Eardrum
Appearance in nonsuppurative otitis media, **13**:117

Echocardiography
In angina, **1**:73
In aortic stenosis, **1**:65
In atrial masses, **1**:69
In cardiac contusion, **8**:50
In cardiac tamponade, **1**:69
In differential diagnosis of dyspnea, **1**:54
In myocardial infarction, **1**:74
In syncope, **1**:65

Eclampsia
Cortical blindness in, cause of, **14**:209

Edema
Angioneurotic, **3**:60
Cerebral, treatment of, **14**:56
Of hand, from penetrating injuries, **13**:79
Muscle, prevention of, in burn patients, **16**:44
Ocular, **3**:60
Pulmonary
  Noncardiogenic, from drug overdose, **17**:192
  From poisoning, **9**:111
  From salicylism, **4**:87
  From venous air embolism, **7**:51

Elbow
Dislocation of, **11**:171
Fracture of, **11**:163
  Anatomic variation misdiagnosed as, **15**:110
  In children, **14**:35
Nontraumatic disorders of, **12**:119
Sports injury to, diagnosis and treatment of, **14**:178
Tennis, **12**:123

Elderly patients
Anemia in, **21**:26
Appendicitis in, **6**:60
Lowering blood pressure in, effect of, **2**:11 (letter)
Management of wandering, in residential care of, **13**:280
Osteoarthritis in, **4**:111
Physical illness misdiagnosed as mental illness, **12**:76

Electrical injuries
Pathophysiology and management of, **8**:99

Electrocardiography
Abnormal, from technical artifacts, **11**:209
In atrioventricular block, **1**:36
In bradycardia, **1**:36
In cardiac tamponade, **1**:53
In cervicoprecordial angina, **14**:248
In drug toxicity, **1**:50

In electrolyte abnormalities, **1**:50
Lead placement
Mnemonic for, **8**:122
Tricks for remembering, **15**:127
In myocardial infarction, **1**:49; **20**:170
In myocardial ischemia, **14**:272
In pacemaker malfunction, **1**:53
In tachyarrhythmias, **1**:43

Electrolytes
Abnormality of, ECG diagnosis of, **1**:50
See also *Fluids and electrolytes*

Electromyography
In brachial plexus injuries, **14**:170

Electrophysiologic studies
In control of ventricular arrhythmias, **2**:60

Embolism
Pulmonary
Clinical diagnosis of, **1**:33
Misdiagnosed, **1**:218
Venous air, **7**:51
From catheter, **9**:253
Visceral, diagnosis of, **17**:135

Emergency care
Guidelines for, **2**:71
In difficult children, **3**:103
In mass casualty incident, **10**:28
Protocols for, **7**:110
Red Cross procedures in, **3**:11 (letter)
Triage in, **7**:121; **10**:39

Emergency department
Diagnosis in, **13**:302
Management of miscarriage in, **13**:149; **19**:11 (letter)
Monitoring resuscitation in, **21**:149
Trauma management in, **4**:179
Violence in, management of, **9**:27
Security measures for, **9**:40, 48

Emesis
In treatment of poisoning, **17**:153

Emotional problems
As cause of violence in ER, **9**:29
See also *Psychiatric illness*

Encephalopathy
As complication of cirrhosis, **13**:57
Hepatic, from portal vein occlusion, **6**:68
Misdiagnosed as mental illness in elderly, **12**:76

Endocarditis
Differential diagnosis of, **7**:59

Endocrine neoplasia
Multiple, type 2b, **15**:83

Endocrinology
Self-test on (ACP), **19**:142

Endometritis
As indication for ER suction curettage, **13**:152
Isolation guidelines for new mothers with, **21**:69

Endoscopy
In alkali ingestion, **17**:163
In diagnosis of esophageal varices, **13**:53
Fiberoptic, in ulcer diagnosis, **16**:102
In ulcer treatment, **16**:112

Enterobiasis
Diagnosis of, **12**:26

Enterocolitis
Neonatal necrotizing, **17**:123

Epididymitis
Diagnosis of, **6**:125

Epiglottitis
Diagnosis and management of, **1**:156
Intubation in treatment of, **15**:80

Epilepsy
See *Seizures*

Epinephrine
As cause of arrhythmia in treatment of anaphylaxis, **7**:47
Incorrect dose of, **2**:102; **6**:11 (letter)

Epistaxis
From cosmetic surgery, **4**:31
From facial trauma, **1**:166
Management of, **1**:143
As sign of coagulopathy, **1**:149

Epitheliomas
From injection injury to hand, **13**:79

Ergotamine tartrate
In treatment of migraine, side effects of, **16**:79

Erythromycin
Use of in penicillin allergy, **10**:11 (letter)

Escharotomy
In initial treatment of burns, **15**:133

Esophagoscopy
In diagnosis of esophageal injury, **13**:253

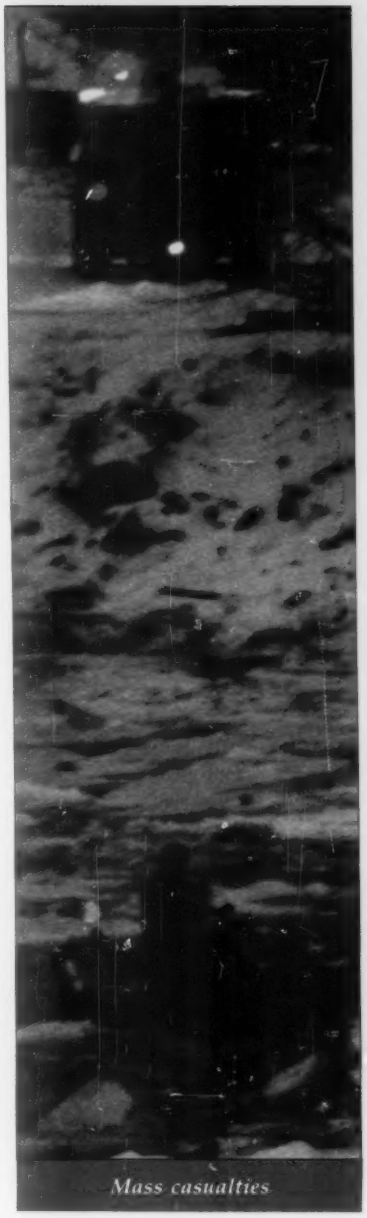
Esophagus
Foreign body in, **1**:157
Injury to
In children, by battery swallowing, **16**:89
From pill impaction in, **13**:249
Meat impaction in, **8**:71
Perforation of, in newborn, **9**:123
Tears of, **1**:171
See also *Varices*

Ethacrynate sodium
In treatment of cardiogenic shock, **16**:13 (letter)

Ethambutol
In tuberculosis, **3**:153

Ethanolamine
Poisoning with, **1**:240

continued


Mass casualties

Electrical injuries

Burn centers

Ethylbenzene
Poisoning with, **1**:240

Exercise
Rhabdomyolysis from, **7**:96
In treatment of burn patients, **16**:42
Active, in prevention of muscle atrophy and edema, **16**:44
During grafting periods, **16**:44
See also *Sports medicine*

Explosion
See *Blast injuries*

Eye
Acid burns in, treatment of, **21**:145
Trick for irrigation in, **21**:143
Allergic conjunctivitis in, **3**:60
Blepharitis in, **3**:58
Blow-out fracture of, **1**:165
Burns of
Chemical, **14**:148; **21**:145
From eclipse of sun, **1**:111
Chalazion in, **3**:58
Corneomandibular reflex in, in diagnosis of coma, **1**:115
Cosmetic surgery for, complications of, **4**:29
Edema in, **3**:60
Foreign body in, **2**:102
Wooden, **5**:57
Hemorrhage in, **2**:66; **12**:70
Loss of vision, **2**:66
Cortical, in eclampsia, **14**:209
Radiation injuries to, **1**:111
Red, differential diagnosis of, **2**:65
Retinal tear in, misdiagnosed, **6**:104
Sting of, **3**:60
Sty in, **3**:58
Treatment of acid burns in, **21**:145
See also *Conjunctivitis; Glaucoma*

Fab fragments
As antidote for digoxin overdose, **13**:281

Face
Cosmetic surgery on, complications of, **4**:38
Fractures of, **1**:166
Upper airway obstruction as result of burn injury to, **15**:131

Fansidar
See *Pyrimethamine-sulfadoxine*

Fasciitis
Necrotizing, management of, **17**:149

Fasciotomy
For snakebites, **11**:140; **21**:11 (letter)

Fecal incontinence
In diabetes mellitus, **13**:95

Feldene
See *Piroxicam*

Femur
Fracture of, **19**:53; **21**:51
In children, **6**:157

Fenoterol
In inhalation therapy of acute asthma, **5**:172

Fetus
Hydantoin syndrome in, **13**:109
Hyperactive, **17**:210

Fever
Rheumatic, guidelines in management of, **10**:139
Seizures from, aftercare guidelines for, **2**:154
As sign of bacteremia in children, **6**:175
As transfusion reaction, **20**:115
Urinary stones associated with, **18**:76

Finger
Avulsion injury of, **4**:207
Fracture of, **15**:201
Treatment of, **13**:318
Injury to, errors in treatment of, **15**:242
Mallet, treatment of, **13**:318
Prepping dirty wound of, **18**:137
Ring removal from, **2**:184
Sports injury to, diagnosis and treatment of, **14**:189
Suturing through fingernail, **18**:137
Tourniquet control of
With rubber band, **12**:93
With surgical glove, **18**:137

Fish
Mycobacterial skin infection from, **9**:197
Poisoning from, **1**:91; **10**:48

Fistula
Arteriovenous, from gunshot wound, **21**:135
In ear, **1**:125

Flagyl
See *Metronidazole*

Fluid therapy
In burn patients, **15**:184
Diarrhea from, in children, **18**:153
After major trauma, **14**:140
For mushroom poisoning, **19**:104
In shock, for resuscitation, **2**:126; **5**:40

Fluids and electrolytes
Administration of, techniques for, **2**:126
Balance of, restoration of, in burn patients, **15**:184

Fluosol
As blood substitute, **6**:166
In anemia, **6**:168
In stroke, **6**:172

Folliculitis
Pseudomonal, from hot-tub use, **3**:111

Food
Poisoning from, **1**:91; **10**:48

Foot
Examination of, **13**:280
Glass in, x-ray detection of, **14**:105

Foreign bodies
Airway
  Occult, **9**:119
  In unconscious patients, **1**:87
In ear, **1**:143
Esophageal, **1**:157
  Meat as, **8**:71
In eye, **2**:102; **5**:57
In foot, glass, **14**:105
In hand, **3**:61
  Glass, x-ray detection of, **14**:105
Iatrogenic, from surgery, **2**:141
Intestinal drug-filled balloons as, **8**:170
Nasal, **1**:149; **15**:127
Removal of
  In ER, **20**:107
  Trick for, **20**:141
In trachea, mismanagement of, **20**:178

Fractures
Ankle, x-ray guidelines for, **20**:140
Clavicular, **5**:148
Condylar neck, **1**:167
Elbow, **11**:163
  Anatomic variation misdiagnosed as, **15**:110
  In children, **14**:35
Of eye, **1**:165
Facial, **1**:166
Femoral, **19**:53; **21**:51
  In children, **6**:157; **14**:44
Fibular, x-ray diagnosis of, **10**:147
Of finger, **15**:201
  Treatment of, **13**:318; **14**:192
Forearm
  Dynamic compression plating in treatment of, **13**:245
  Galeazzi, **13**:235
  Greenstick deformities in, **13**:248
  Isolated ulnar, or "nightstick," **13**:240
  Monteggia, **13**:235
  Puncture wounds resulting from, **13**:240
Head, **1**:164
In hemophiliacs, **8**:84
Of hip, **19**:53
Humeral, **9**:170
Management of
  In children, **14**:38
  Open, **4**:57; **16**:191
Mandibular, **1**:167
Nasal, **1**:164
Pelvic, **3**:183
  Malgaigne's, **3**:191
  Open, **4**:57
  X-ray diagnosis of, **12**:191
Primary closure of, **16**:192
Rib
  Aftercare for, **3**:223
  Management of, **14**:132
Shoulder, **14**:158
Thoracolumbar, **1**:183
Tibial, x-ray diagnosis of, **10**:147
Tooth, pulpectomy in ER, to relieve pain, **18**:148
Wrist, **14**:195

Fungus infections
Athlete's foot, treatment of, **15**:127

Furfural
Poisoning with, **1**:240

Furosemide
In ascites caused by cirrhosis, **13**:49
In cardiogenic shock, **2**:32; **16**:13 (letter)
In congestive heart failure in infants, **3**:49

G

Gallbladder
Disease of
  Differential diagnosis of calculi in, **20**:57
  Oral cholecystography in, **10**:104, 105
Hydrops of, in Kawasaki disease, **14**:213

Gangrene
Gas, in open fractures, **16**:194

Gastroenteritis
False diagnosis of, in children who have swallowed batteries, **16**:89
Viral, differential diagnosis of, **13**:315

Gastroenterology
Self-test on (ACP), **19**:155

Gastrointestinal tract
Damage to, from alkali ingestion, **17**:163
  Endoscopy in management of, **17**:163
Diabetic complications in, **13**:83
Illegal transportation of drugs in, **8**:170
In management of poisoning, **17**:152
Tuberculosis in, **3**:181

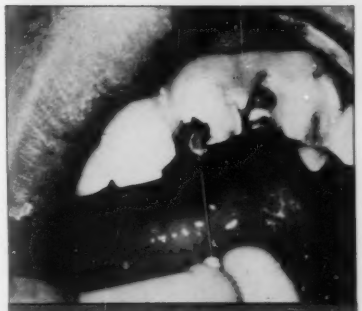
Gastroparesis diabeticorum
Diagnosis and management of, **13**:83

Gentamicin
For UTI in children, **11**:119

Giardiasis
Diagnosis and management of, **12**:53

Glasgow coma scale
For evaluation of head injury in children, **14**:55

continued



Tooth fractures

Stings

Glass fragments
X-ray detection of, **20**:141
In foot or hand injuries, **14**:105

Glaucoma
Differential diagnosis of, **2**:65

Glomerulonephritis
Diagnosis of, **9**:53

Glucose
Intolerance to, in burn patients, **16**:59

Gonorrhea
Disseminated, **9**:71
In pregnancy, **14**:236

Growth
Retarded linear, in undernourished children, **20**:142

Gynecologic problems
Factitious, **2**:94
Misdiagnosed as appendicitis, **1**:195

H

Hand
Amputation of, **13**:79
Foreign bodies in, **3**:61
Glass, x-ray detection of, **14**:105
Fractures of, **15**:201
Injuries to
Injection, **13**:76
Mallet finger, **13**:318
Sports injuries to, diagnosis and treatment of, **14**:189

Head
Concussion, in athletes, **9**:192
Fractures of, **1**:164
Injury to
Bleeding from, **1**:172
Delayed, as cause of hematomas, **8**:129
As cause of hearing loss, **2**:190
As cause of vertigo, **2**:190
In children, **14**:45
From dog bites, **19**:72
Doubtful role of steroids in treatment of, **20**:159
Predicting seizures after, **9**:94

Headache
Migraine
In pregnancy, **4**:63
Propranolol abortive in, **16**:79
Tension, aftercare for, **7**:95

Hearing
Impaired patients, physician relationships with, **6**:29
Loss of
From head trauma, **1**:124; **2**:190
Sudden, **1**:142

Heart
Contusion of, **13**:122
From blunt trauma, **8**:49
Radionuclide scanning in, **5**:81
As cause of arrhythmias, **13**:123
As cause of infarction, **13**:122
Echocardiography in, **8**:50
Synergistic effect with alcohol, **13**:123
Malformations of, in newborns, **17**:52
Management of, in poisoning, **17**:172
From narcotics and minor tranquilizers, **17**:181
From stimulants, **17**:185
From tricyclics and phenothiazines, **17**:182

Heart blocks
ECG in, **1**:36

Heart disease
In children, **15**:224
Screening for, **15**:222
Clinical diagnosis of, **1**:28
Congenital, amyl nitrite contraindicated in, **12**:11 (letter)
ECG in, **1**:36
Echocardiography in, **1**:54
In newborns, **17**:52
Self-test on (ACP), **19**:145
Traveling with, **11**:61
Treatment with calcium channel blockers, overview of, **18**:24
See also specific conditions

Heart failure
Acute
Factors in, **5**:185
Mechanism of, **5**:180
Types and treatment of, **5**:185
Chronic
Factors in, **5**:200
Mechanism of, **5**:195
Congestive, in infants, **3**:26
Differential diagnosis of, **1**:34; **11**:103
Echocardiography in, **1**:54
Drugs for, **5**:201
Missed diagnosis leading to, **21**:152
Physiology of, **2**:28

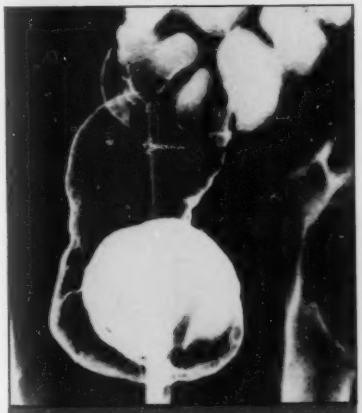
Heatstroke
Complications of, **12**:103
Diagnosis of, **12**:98
Factors in, **12**:97
Mechanism of, **12**:96
Prevention of, **11**:56; **12**:110
Treatment of, **12**:104

Heimlich maneuver
Technique for, **1**:161

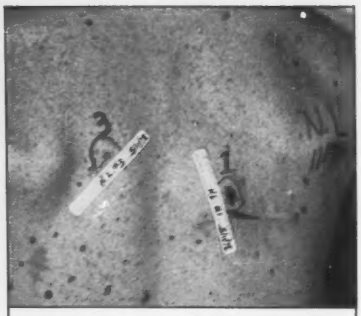
Helium
In treatment of upper airway obstruction, **15**:235

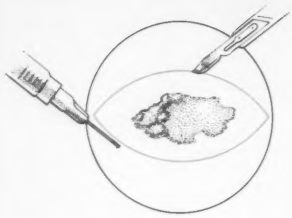
continued

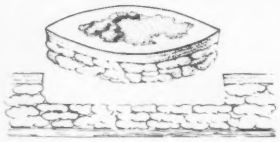
Heatstroke

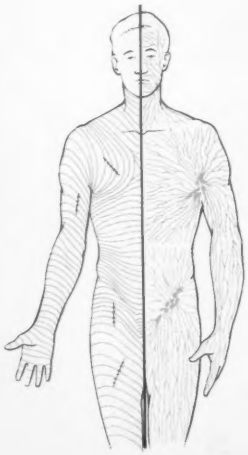


Proctitis









Melanoma

Hematology
Self-test on (ACP), **19**:144

Hematoma
Duodenal, nonoperative protocol for, **12**:66
In head trauma, sequential, **8**:129
Subdural
As cause of aphasia, **14**:76
Diagnosis of, **11**:116
See also *Bleeding*

Hematuria
Nontraumatic, **6**:130
In thrombotic thrombocytopenic purpura, **12**:57

Hemochromatosis
In cirrhosis, **13**:35

Hemodilution
In treatment of stroke, **15**:231

Hemoglobinopathy
In Southeast Asian refugees, **19**:110

Hemoperfusion
In management of toxicologic emergencies, **17**:197

Hemophilia
Factor replacement in, in fractures, **8**:84

Hemophilus
In otitis media, **18**:108

Hemorrhage
See *Bleeding*

Hemosiderosis
Pulmonary, as symptom of milk allergy, **15**:118

Hemothorax
Stab wounds as cause of, **20**:107

Hepatitis
Aftercare guidelines for
In adults, **4**:158
In children, **5**:226
As cause of cirrhosis, **13**:35
Isolation guidelines for mothers and newborns exhibiting, **21**:69
From transfusion, **20**:115
Vaccine for, not contaminated with AIDS, **18**:160

Hepatorenal syndrome
As complication of cirrhosis, **13**:58

Hernia
Abdominal wall, as result of trauma, **17**:225
Diaphragmatic
In newborns, surgical repair of, **17**:104
X-ray diagnosis of, **17**:84
From stab wounds, **13**:115

Herpes
Isolation guidelines for mothers and newborns with, **21**:69
Simplex
In newborns, **12**:79
Virus proctitis, diagnosis of, **16**:95

Hip
CT scanning in trauma to, **2**:149
Dislocation of, **19**:53
Fracture of, **19**:53

Homosexuality
And AIDS, **1**:197; **18**:159, 167

Hookworm
Diagnosis of, **12**:30

Hot tub
Pseudomonal folliculitis from, **3**:111

Hyaline membrane disease
X-ray diagnosis of, **17**:91

Hydralazine
In chronic heart failure, **5**:205
Congestive, in infants, **3**:49

Hydrocephalus
As guide to prognosis in cerebellar stroke, **5**:89

Hyperalimentation
Intravenous
In brain-injured patients, **16**:82
In burn patients, **16**:52
In pancreatic abscess, **16**:190

Hyperamylasemia
In alcoholics, **15**:87

Hypercalcemia
In cancer, **3**:90

Hypermagnesemia
As cause of coma, **2**:101

Hypermetabolism
In burn patients, **16**:52

Hyperparathyroidism
Acidosis as symptom of, **13**:102
Differential diagnosis of, **13**:101
Milk-alkali syndrome, confused with, **13**:101

Hypertension
Ambulatory blood pressure in, importance of, **18**:56
And cerebral blood flow, **2**:11 (letter)
Compliance to program for, aid to, **8**:122
Emergencies, gradual pressure reduction in, **9**:61
Essential, tumor as cause of, **5**:164
Mild, nondrug treatment and prevention of, **14**:64
Moderate and borderline, management of, **18**:54
From Page kidney, **3**:197
Persistent pulmonary, in newborn, **7**:155
In pregnancy, **7**:29
Refractory, captopril for, **7**:103

Hyperthyroidism
Distinguishing from hyperthyroxinemia, **14**:145

Hyperthyroxinemia
From propranolol, diagnosis of, **14**:145

Hypervitaminosis
In milk alkali syndrome, **13**:102

Hypochlorite
Poisoning with, **14**:99

Hypoglycemia
From drug ingestion, mismanagement of, **21**:152

Hypotension
In poisoning, **9**:98
After trauma, **6**:151

Hypothermia
Blood gases in, **10**:11 (letter)
Misdiagnosis of, **7**:160; **15**:242

Hypoventilation
From drug overdose, **17**:192

Hypoxia
From drug overdose, **17**:187

Hysteria
Mass, as cause of psychogenic illness, **17**:141

I

IAMAT
See *International Association for Medical Assistance to Travelers*

Ilium
Penetrating injury of, **18**:61

Imidazolines
Overdose of, **8**:187

Immunization
In children, tricks for dealing with anxiety, **15**:127
Against hepatitis, no danger of AIDS from, **18**:160
Against measles, **21**:103
Against pneumonia, **19**:24
Against rabies, **18**:57
Against tetanus, trick for remembering date of, **20**:141
For travel, **11**:37
Against tuberculosis, **3**:159

Immunoglobulin
Human, in treatment of immune thrombocytopenic purpura, **15**:79

Immunology
Self-test on (ACP), **19**:138

Immunosuppressive drugs
Toxicity of, **3**:74

Incontinence
Fecal, in diabetes mellitus, **13**:95

Inderal
See *Propranolol*

Indocin
See *Indomethacin*

Indomethacin
In osteoarthritis, **4**:139

Infants
Arrhythmias in, **3**:39
Congestive heart failure in, **3**:26
Drug-induced developmental alterations in, **5**:97; **7**:39
See also *Children; Newborns*

Infection
Bacterial, from marine wounds, **15**:89
And cancer, **3**:82
In multiple injury, **4**:203
Necrotizing, of fascia, management of, **17**:149
Respiratory, relation to infertility, **14**:57
See also specific infections

Infectious diseases
Management of, in day-care centers, **17**:216
Self-test on (ACP), **19**:139

Infertility
Relation to respiratory infection, **14**:57

Inflammatory bowel disease
Differential diagnosis of, **14**:215

Influenza
Isolation guidelines for mothers and newborns with, **21**:69

Inhalation injury
From burns, treatment of, **15**:131, 167

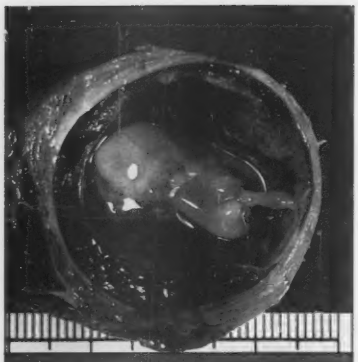
Injections
In children
Technique for, **9**:185; **20**:13 (letter)
Trick for, **15**:127

Injury
Multiple, management of, **4**:179
See also *Wounds;* specific injuries and anatomic areas

Insects
Bites and stings of, **11**:156
Repellants to, poisoning with, **14**:104

continued

Blast injuries



Ectopic pregnancy

Trauma in pregnancy

Intensive care unit
See *Critical care unit*

International Association for Medical Assistance to Travelers
Directory of English-speaking physicians, **11**:64

Intertrigo
Aftercare of, guidelines for, **15**:109

Intestinal obstruction
In newborns, surgical management of, **17**:113

Intravenous pyelography
In blunt trauma victims, **6**:141
In urinary stone disease, **6**:134

Intravenous therapy
Administration of drugs by, **13**:189
In cancer, complications of, **3**:75
Extravasation in, **3**:75
Internal jugular catheterization in, **5**:111
Self-administered, home care, **4**:82
Techniques for, **13**:167
  Catheters for, **2**:126; **13**:11 (letter)
Venospasm in, **13**:178

Intropin
See *Dopamine*

Intubation
For chest drainage, method for, **10**:76
Endotracheal
  In acute epiglottitis, **15**:80
  Helium in place of, **15**:235
  Indications for, **5**:221
  In infants, **10**:212
    Newborn, **5**:127
  Laryngeal injury from, **2**:201
    In newborns, **21**:123
  Replacement of, **10**:212; **12**:172
  Succinylcholine to facilitate, **6**:158
For intravenous hyperalimentation
  In brain-injured patients, **16**:82
  In burn patients, **16**:59
  In pancreatic abscess, **16**:190
For jejunal tube-feeding of burn patients, **16**:53
Nasogastric, techniques for, **6**:165
Nasotracheal, in treatment of airway obstruction from burns, **15**:131

Iritis
Differential diagnosis of, **2**:65

Iron
Overprescription of, in anemia, **21**:26

Ischemia
As cause of stroke, **4**:165
Cerebral, reversal of, after stroke, **15**:231
Of extremities, intraarterial tolazoline for, **20**:81
Of leg, **3**:123
Myocardial, ECG in, **14**:272
In unstable angina, anatomy and pathogenesis of, **14**:276

Isoflurane
In pain management in burn patients, **15**:162

Isolation
Guidelines for obstetric patients and newborns, **21**:69

Isoniazid
Resistance to, **3**:149
In tuberculosis, **3**:145

Isoproterenol
In cocaine overdose, **4**:79
In congestive heart failure in infants, **3**:48

Isoptin
See *Verapamil*

J

Jaundice
In cirrhosis, **13**:32
In thrombotic thrombocytopenic purpura, **12**:57

Jaw
Dislocation of, **1**:167
Fractures of, **1**:167

Joint pain
Arthralgia, migratory, **18**:47
Polymyalgia rheumatica, differential diagnosis of, **18**:46
See also *Arthritis*

Joint swelling
In systemic lupus erythematosus, diagnosis of, **15**:71

K L

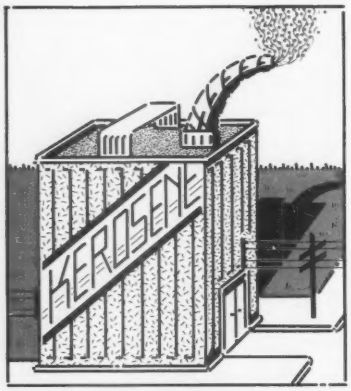
Kaposi's sarcoma
And AIDS, **1**:199

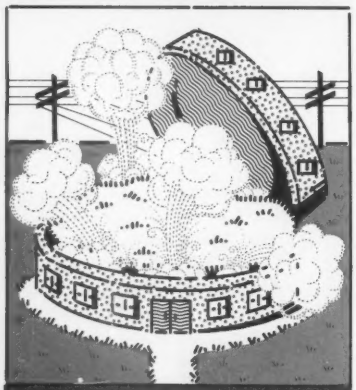
Kawasaki disease
Abdominal signs of, **14**:213

Keratitis
Differential diagnosis of, **2**:65

Kidney
Cancer of, misdiagnosed as UTI, **8**:55
In cirrhosis complications, **13**:58

continued on page 198





Poisoning information

Disease, self-test on (ACP), **19**:154
Management of, in drug overdose, **17**:196
Page, as cause of hypertension, **3**:197
Removal of, ureteral stump disease after, **8**:82
Trauma to
  Blunt, evaluation of, **18**:115
  Classification of, **6**:136
  Diagnosis of, **6**:141
See also *Renal failure*

Kidney stone
Nephrostolithotomy for, **8**:135

Lab results
Avoiding errors in, **6**:93

Labyrinthitis
As complication of otitis, **1**:141

Lacerations
Genital, as sign of rape, **5**:67
Retinal, misdiagnosed, **6**:104
Suturing, technique in, **2**:184
See also *Wounds*

Lactase deficiency
Diagnosis of, in children, **12**:93

Laminectomy
Alternative to, in treatment of herniated lumbar disk, **15**:103

Laryngoscopy
In treatment of pediatric epiglottitis, **15**:83

Larynx
Fracture of, **1**:171
Injury to, from intubation, **2**:201
  In newborns, **21**:123

Lasix
See *Furosemide*

Lavage
Gastric, in management of poisoning, **17**:155
Peritoneal
  For abdominal trauma, **9**:67; **15**:27
  Amylase levels in, not reliable, **2**:159
  Contraindications to, **15**:28
  Interpreting results of, in children, **15**:32
  Paraumbilical approach in, **18**:141
  Value of, in shock, **5**:31
In treatment of chemical burns, **3**:108

Lead
Poisoning with, **1**:238

Leg
Amputation of, and renal failure, **7**:86
Fractures of, **10**:147; **19**:53; **21**:51
  In children, **6**:157; **14**:44
Ischemic
  Causes of, **3**:123
  Intraarterial tolazoline for, **20**:81

Leprosy
Diagnosis and management of, **7**:89

Lidocaine
During pregnancy, **13**:109
As prophylaxis in acute myocardial infarction, **14**:257
In speculum vaginal exam, **18**:137
In ventricular arrhythmias, **2**:55

Lightning
Injury from, **8**:113
  In children, **7**:100
Physics of, **8**:113
Treatment of burn from, **8**:121

Listeria
Septicemia with, in pregnancy, **8**:43

Liver
Amebic abscess of, **10**:45
Portal vein occlusion in, **6**:68
Radionuclide scanning in, **5**:85
See also *Cirrhosis; Hepatitis*

Loniten
See *Minoxidil*

Lung
Abnormalities of, in newborns
  Surgical treatment of, **17**:103
  X-ray diagnosis of, **17**:85
Blast injury to, **2**:120
Effects of drug overdose on, **17**:187
Foreign body in, occult, **9**:119
Injury to, assessment and treatment of, **14**:129
See also *Edema; Embolism; Pulmonary; Respiratory*

Lymphadenitis
Tuberculous, **3**:176

M

Malaria
Chloroquine-resistant stains of, **20**:89
Diagnosis and treatment of, **12**:43; **20**:89
Endemic areas, **11**:46
Prophylaxis for, **11**:44
Types of, **12**:48

Mammoplasty
Complications of, **4**:47

Mandol
See *Cefamandole*

Marine bacteria
Infection from, **15**:89

Mass casualty
See *Emergency care; Triage*

MAST
See *Antishock trousers*

Mastoiditis
Diagnosis of, **1**:142

Measles
Spread of, in doctor's waiting room, **21**:103

Meclofenamate
In osteoarthritis, **4**:147

Meclomen
See *Meclofenamate*

Meconium aspiration
In newborn infants, **5**:118

Melanoma
Diagnosis and management of, **9**:124
Drugs for, **9**:151
Malignant, **14**:15 (letter)
Staging of, **9**:133

Ménière's disease
As cause of vertigo, **1**:141

Meningitis
Antibiotics for, correction, **1**:11 (letter)
Aseptic, outbreaks of, among high school football players, **16**:150
Bacterial, latex agglutination test for, **6**:183
Differential diagnosis of, **13**:61
Rifampin for, correction, **3**:11 (letter)
Tuberculous, **3**:170

Mental retardation
In dysmorphic fetal syndrome, **7**:42
Treatment of patients with, guidelines for, **14**:123

Mentoplasty
Complications of, **4**:37

Mercaptans
Poisoning with, **1**:240

Metabolism
Self-test on (ACP), **19**:142

Metal carbonyls
Poisoning with, **1**:240

Metronidazole
In Crohn's disease, **14**:224
Use of, in clindamycin resistance, **20**:150

Migraine
See *Headache*

Milk
Allergy to, **15**:117

Milk alkali syndrome
Differential diagnosis of, **13**:101

Minipress
See *Prazosin*

Minoxidil
In chronic heart failure, **5**:209
In hypertensive emergencies, **9**:64

Miscarriage
Distinguishing from ectopic pregnancy, **13**:149; **20**:92
Reproductive counseling after, **13**:164
Suction curettage in treatment of, **13**:148; **19**:11 (letter)

Mitral regurgitation
Clinical diagnosis of, **1**:28

Mitral stenosis
Echocardiography in, **1**:59

Moles
See *Melanoma; Nevus*

Monoamine oxidase inhibitors
Toxicity of, **3**:225

Mononucleosis
Infectious, misdiagnosis of, **19**:95

Morphine
In cardiogenic shock, **2**:32
In treatment of burn pain, **15**:137, 142

Moxalactam
In neonatal infections, correction, **1**:11 (letter)

Mucositis
In cancer patients, **3**:86

Multiple endocrine neoplasia
Diagnosis of, **15**:83

Multiple injury
See *Injury*

Multiple sclerosis
Diagnosis of, **20**:120

Mumps
Aftercare guidelines for, **6**:111

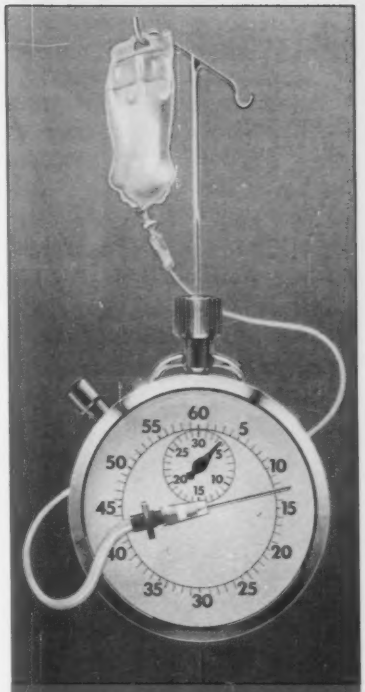
Munchausen's syndrome
Diagnosis and management of patients with, **13**:310

Mushrooms
Poisoning from, **19**:104

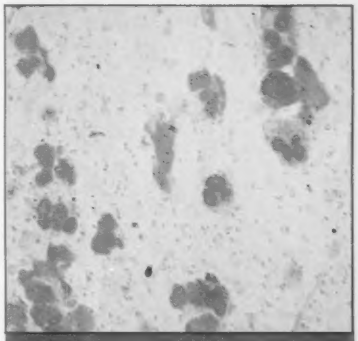
Mycobacterium
As cause of skin infection, from fish, **9**:197
See also *Tuberculosis*

Myocardial infarction
Cardiogenic shock in
Associated with oliguria, **16**:13 (letter)
Drugs for, **2**:28
In trauma, **8**:27
Classification system for, **2**:30
Contusion as cause of, **13**:122
Diagnosis of, **20**:170
In ED, **13**:304
ECG diagnosis of, **1**:49, 73
Echocardiography in, **1**:74
Lidocaine as prophylaxis in, **14**:257
Misdiagnosis of, **13**:253

continued



Streptokinase



Sputum examination

Bentyl®

(dicyclomine hydrochloride USP)
Capsules, Tablets, Syrup, Injection
AVAILABLE ONLY ON PRESCRIPTION
Brief Summary

INDICATIONS
Based on a review of this drug by the National Academy of Sciences—National Research Council and/or other information, FDA has classified the following indications as "probably" effective:

For the treatment of functional bowel/irritable bowel syndrome (irritable colon, spastic colon, mucous colitis) and acute enterocolitis. THESE FUNCTIONAL DISORDERS ARE OFTEN RELIEVED BY VARYING COMBINATIONS OF SEDATIVE, REASSURANCE, PHYSICIAN INTEREST, AMELIORATION OF ENVIRONMENTAL FACTORS.

For use in the treatment of infant colic (syrup).

Final classification of the less-than-effective indications requires further investigation.

CONTRAINDICATIONS: Obstructive uropathy (for example, bladder neck obstruction due to prostatic hypertrophy); obstructive disease of the gastrointestinal tract (as in achalasia, pyloroduodenal stenosis); paralytic ileus, intestinal atony of the elderly or debilitated patient; unstable cardiovascular status in acute hemorrhage; severe ulcerative colitis; toxic megacolon complicating ulcerative colitis; myasthenia gravis.
WARNINGS: In the presence of a high environmental temperature, heat prostration can occur with drug use (fever and heat stroke due to decreased sweating). Diarrhea may be an early symptom of incomplete intestinal obstruction, especially in patients with ileostomy or colostomy. In this instance treatment with this drug would be inappropriate and possibly harmful. Bentyl may produce drowsiness or blurred vision. In this event, the patient should be warned not to engage in activities requiring mental alertness such as operating a motor vehicle or other machinery or perform hazardous work while taking this drug. There are rare reports of infants, 6 weeks of age and under, administered dicyclomine hydrochloride syrup, who have evidenced respiratory symptoms (breathing difficulty, shortness of breath, breathlessness, respiratory collapse, apnea), as well as seizures, syncope, asphyxia, pulse rate fluctuations, muscular hypotonia, and coma. The above symptoms have occurred within minutes of ingestion and lasted 20 to 30 minutes. The timing and nature of the reactions suggest that they were a consequence of local irritation and/or aspiration rather than a direct pharmacologic effect. No known deaths or permanent adverse effects have been reported. Bentyl syrup should be used with caution in this age group.
PRECAUTIONS: Although studies have failed to demonstrate adverse effects of dicyclomine hydrochloride in glaucoma or in patients with prostatic hypertrophy, it should be prescribed with caution in patients known to have or suspected of having glaucoma or prostatic hypertrophy.
Use with caution in patients with:
Autonomic neuropathy. Hepatic or renal disease.
Ulcerative colitis. Large doses may suppress intestinal motility to the point of producing a paralytic ileus and the use of this drug may precipitate or aggravate the serious complication of toxic megacolon.
Hyperthyroidism, coronary heart disease, congestive heart failure, cardiac arrhythmias, and hypertension.
Hiatal hernia associated with reflux esophagitis since anticholinergic drugs may aggravate this condition.
Do not rely on the use of the drug in the presence of complication of biliary tract disease. Investigate any tachycardia before giving anticholinergic (atropine-like) drugs since they may increase the heart rate. With overdosage, a curare-like action may occur.
ADVERSE REACTIONS: Anticholinergics/antispasmodics produce certain effects which may be physiologic or toxic depending upon the individual patient's response. The physician must delineate these. Adverse reactions may include xerostomia; urinary hesitancy and retention; blurred vision and tachycardia; palpitations; mydriasis; cycloplegia; increased ocular tension; loss of taste; headache; nervousness; drowsiness; weakness; dizziness; insomnia; nausea; vomiting; impotence; suppression of lactation; constipation; bloated feeling; severe allergic reaction or drug idiosyncrasies including anaphylaxis; urticaria and other dermal manifestations; some degree of mental confusion and/or excitement, especially in elderly persons; and decreased sweating. With the injectable form there may be a temporary sensation of lightheadedness and occasionally local irritation.
DOSAGE AND ADMINISTRATION: Dosage must be adjusted to individual patient's needs.
Usual Dosage
Bentyl 10 mg capsule and syrup: *Adults:* 1 or 2 capsules or teaspoonfuls syrup three or four times daily. *Children:* 1 capsule or teaspoonful syrup three or four times daily. *Infants:* 1/2 teaspoonful syrup three or four times daily. (Dilute with equal volume of water.)
Bentyl 20 mg: *Adults:* 1 tablet three or four times daily.
Bentyl Injection: *Adults:* 2 ml (20 mg) every four to six hours intramuscularly only.
NOT FOR INTRAVENOUS USE.
MANAGEMENT OF OVERDOSE: The signs and symptoms of overdose are headache, nausea, vomiting, blurred vision, dilated pupils, hot, dry skin, dizziness, dryness of the mouth, difficulty in swallowing, CNS stimulation. Treatment should consist of gastric lavage, emetics, and activated charcoal. Barbiturates may be used either orally or intramuscularly for sedation but they should not be used if Bentyl with Phenobarbital has been ingested. If indicated, parenteral cholinergic agents such as Urecholine® (bethanecol chloride USP) should be used.
Product Information as of July, 1980
Injectable dosage forms manufactured by
CONNAUGHT LABORATORIES, INC.
Swiftwater, Pennsylvania 18370 or
TAYLOR PHARMACAL COMPANY
Decatur, Illinois 62525 for

MERRELL DOW PHARMACEUTICALS INC.
Subsidiary of The Dow Chemical Company
Cincinnati, Ohio 45215, U.S.A.

3-0017(B-0209)

Merrell Dow

MNQ-502

Radionuclide scanning in, **1**:74
Streptokinase in treatment of, **17**:229

Myringotomy
In otitis media, **18**:111

Naphthalene
Poisoning with, **1**:245

Narcotics
Overdose of
  Effects on heart, **17**:181
  Effects on lungs, **17**:192
See also specific drugs

Neck
Blunt trauma to, **1**:171
Condylar fracture of, **1**:167
Gunshot wounds of, **1**:171
Penetrating wounds to, **14**:259
See also *Spine*

Nephritis
Glomerular, differential diagnosis of, **9**:53

Nephrostolithotomy
Technique for, **8**:135

Neurologic dysfunction
As symptom of multiple sclerosis, **20**:120
Sensory, from vitamin B_6 abuse, **21**:131

Neurologic examination
In coma, corneomandibular reflex in, **1**:115

Neurology
Self-test on (ACP), **19**:161

Neuronitis
Vertigo as symptom of, **1**:141

Nevus
Dysplastic
  Discovery of, **14**:15 (letter)
  And melanoma, **9**:155

Newborns
Acute problems in, overview of, **17**:26
Anemia in, **17**:52; **20**:64; **21**:26
Antibiotics for, correction, **1**:11 (letter)
Bilirubin monitoring in sick, **17**:68
Blood-gas measurement in, **17**:59
Cardiorespiratory distress in, **17**:51
  Surgical management of, **17**:103
Congestive heart failure in, **3**:26
Death of
  Bonding of parent and child after, **13**:96
  Counseling of parents after, **13**:96
  Family planning after, **13**:97
Endotracheal intubation in, **5**:127
Esophageal perforation in, **9**:123
Heart malformations in, **17**:52
Herpes simplex in, **12**:79
Intubation injuries in, **21**:123
Isolation of, guidelines for, **21**:69
Meconium aspiration in, **5**:118
Monitoring of sick, **17**:59
Persistent pulmonary hypertension in, **7**:155
Pneumothorax in, **20**:155
Pulmonary abnormalities in, **17**:85
  Surgical treatment of, **17**:103
Resuscitation in, **5**:114, 141
  Drugs for, **5**:128
  Equipment for, **5**:147
  Ventilation for, **11**:8 (letter)
Seizures in
  Management of, **17**:129
  From stroke, diagnosis of, **14**:87
Shock in, **5**:137; **17**:38
  Blood pressure in diagnosis of, **17**:40
  Causes of, **17**:44
Stroke in, **14**:87
Surgery in, **17**:103
Testing in
  For anemia, **20**:64
  Cardiac, **17**:54
TORCH in, **12**:79
X-rays in diagnosis of sick, **17**:78
See also *Infants*

Nifedipine
Side effects of, **18**:34
In treatment of heart disease, **18**:31

Nitric acid
Poisoning with, **1**:246

Nitrogen equilibrium
Maintenance of, in burn patients, **16**:57

Nitroglycerin
In cardiogenic shock, **2**:35
In unstable angina, **14**:281

Nitroprusside
In cardiogenic shock, **2**:35
In congestive heart failure in infants, **3**:49

Nitrous oxide
Abuse of, **9**:204; **17**:195

Noise
As cause of vertigo, **1**:125

Norpace
See *Disopyramide*

Nose
Cosmetic surgery for, complications of, **4**:31
Foreign body in, **1**:149
  Removal of, **15**:127
Fracture of, **1**:164
Sinusitis, **1**:150; **13**:128

Nosebleed
See *Epistaxis*

Nurses
Importance of, in burn pain relief, **15**:143

Nutrition
Of brain-injured patients, **16**:82
Of burn patients, **16**:52
In congestive heart failure in infants, **3**:53
After major trauma, **14**:137
Under-, in children with fear of obesity, **20**:142
See also *Hyperalimentation*

Obesity
Fear of, in children, **20**:142
Pregnancy missed in, **9**:254

Occupational disease
Diagnosis of, **10**:180
History for, **10**:204
Materials causing, **10**:187

Odors
As indicator of disease, **8**:56

Oliguria
Prevention of, in treatment of cardiogenic shock, **16**:13 (letter)

Omphalitis
Isolation guidelines for mothers and newborns with, **21**:69

Organic brain syndrome
Differentiation of, from psychiatric disease, **9**:212

Organs
Donation of, hotline number for, **17**:11 (letter)

Osteoarthritis
See *Arthritis*

Osteoporosis
Leading to femoral fracture, **21**:51

Otitis
In bronchiectasis, **16**:134
Externa, **1**:126
Malignant, **1**:131
Media, **1**:132
In children, diagnosis and management of, **18**:97
Complications of, **1**:132
Nonsuppurative, **13**:116
Appearance of eardrum in, **13**:117
Tympanometry in diagnosis of, **13**:120

Otoplasty
Complications of, **4**:37

Ovary
Tumors of, in children, **21**:139

Oxygen
Transcutaneous monitoring of, during resuscitation, **21**:149

Oxyphenbutazone
In osteoarthritis, **4**:134

P

Pacemaker
Malfunction of, ECG signs of, **1**:53
Misdiagnosis of patient with, **21**:152

Pancreas
Abscess of, differential diagnosis of, **16**:187

Panic
See *Anxiety*

Paracentesis
Needle, for diagnosis in abdominal trauma, **15**:30

Parasites
Avoidance of, guidelines for, **11**:47
Diagnosis and treatment of, **12**:25

Parenteral nutrition
See *Hyperalimentation*

Patent ductus arteriosus
In infants with heart failure, **3**:56

Pelvic inflammatory disease
As cause of ectopic pregnancy, **20**:92
Differentiating from ectopic pregnancy, **20**:92

Pelvis
Fracture of, **3**:183; **12**:191
Open, protocol for, **4**:57
Radionuclide scanning in, **5**:88

Penicillin
Allergy to, ampicillin contraindicated in, correction, **10**:11 (letter)
In treatment of
Pneumonia, **19**:24
Whipple's disease, **18**:131

Penis
Penetrating wound of, **16**:63
Zipper injury of, management of, **1**:11 (letter)

Pepto-Bismol
For traveler's diarrhea, **11**:27

Perianal lesions
In diagnosis of herpes simplex proctitis, **16**:98

Pericarditis
Echocardiography in, **1**:74

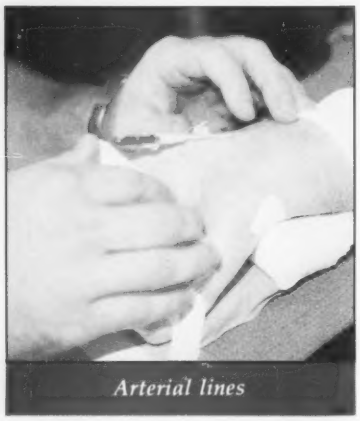
Perichondritis
Causes of, **1**:126

Peritonitis
Diagnosis of, in abdominal trauma, **15**:26
Tuberculous, **3**:181

continued

Osteoarthritis diagnosis

Ciguatera poisoning



Arterial lines

Sports medicine

Pharyngitis
Misdiagnosis of pneumomediastinum as, **16**:163
Viral, differentiation of, from hemolytic streptococcal, **16**:143

Pharynx
Abscess in, **12**:132

Phencyclidine
Overdose of, effects on heart, **17**:185

Phenothiazines
Overdose of, effects on heart, **17**:182

Phenylbutazone
In osteoarthritis, **4**:134

Phenylpropanolamine
Overdose with, **8**:175

Phenytoin
In seizures
Guidelines for use of, **11**:179
Neonatal, **17**:132
Use of during pregnancy, **13**:109

Pheochromocytoma
CT scanning for, **5**:13 (letter)
In multiple endocrine neoplasia, **15**:83

Physical therapy
For burn patients, **16**:42

Physician-patient relationships
In AIDS, **18**:158
With children, **3**:103
In emergency department, **2**:71; **13**:302
With hearing-impaired, **6**:29
With mentally impaired, **14**:123
With violent patients, **9**:27

Physicians
English-speaking, abroad, directory of, **11**:64

Piroxicam
In osteoarthritis, **4**:147

Pitressin
See *Vasopressin*

Plague
Incidence and treatment of, **9**:207

Plasma
In treatment of burn patients, **15**:187

Plastic surgery
See *Surgery*

Platinum
Salts of, poisoning with, **1**:246

Pleura
Pain in, management of, **19**:125

Pleural effusions
Causes of, **9**:79
Characteristics of, in disease, **9**:79

Pleurisy
Tuberculous, **3**:170

Pneumococcus
In otitis media, **18**:108

Pneumomediastinum
Misdiagnosed as pharyngitis, **16**:163

Pneumonia
Aspiration, leading to abscess, differential diagnosis of, **19**:125
In children, aftercare guidelines for, **9**:202
Overlooking AIDS in patients with, **20**:178
Overview of, **19**:24

Pneumothorax
From drug abuse, **17**:195
In multiple injury, management of, **4**:180
In newborns, management of, **20**:155
Spontaneous, management of, **18**:134
Stab wounds as cause of, **13**:115; **20**:107
Tension, manifestations and treatment of, **14**:30, 237

Poisoning
Autonomic nervous system in, **13**:134; **14**:287
Cardiopulmonary effects of, **9**:98; **17**:172, 187
CNS effects of, **17**:165
Coma from, management of, **17**:165
Cross-placental, **5**:97
Dialysis in, **6**:78; **17**:197
Dysmorphic syndromes in, **7**:39
ECG signs of, **1**:50
From fish, **1**:91; **10**:48
Hemoperfusion in, **17**:197
Information on, centers for, **2**:160
Kidney effects of, **17**:196
Management of
Activated charcoal in, **9**:218; **17**:155; **19**:104
Cathartics in, **17**:163
Emesis in, **17**:153
Gastric lavage in, **17**:155
Organ system approach to, **17**:150
Peritoneal dialysis in, **6**:78
Manufacturers' information on, **13**:255
Occupational sources of, **10**:187
History for, **10**:207
Odor as sign of, **8**:62
With over-the-counter drugs, **8**:175
Petroleum products in, **1**:237
Pulmonary effects of, **4**:87; **9**:11; **17**:192
From summer protective products, **14**:99
See also specific agents

Poliomyelitis
Preparalytic, effect of physicial activity on, **16**:151

Polyarthralgia
Differential diagnosis in, **5**:47

Porphyria
Differential diagnosis of, **13**:315

Potassium chloride
As cause of iatrogenic death, **13**:253

Povidone-iodine
Radiopaque in x-rays, **18**:102

Prazosin
In chronic heart failure, **5**:209

Precordial thump
Contraindicated in ventricular arrhythmias, **15**:239

Preeclampsia
Cortical blindness in, cause of, **14**:209

Pregnancy
Arrhythmias in, use of drugs in treatment of, **13**:104
Cortical blindness in, **14**:209
Drug-induced teratogenicity in, **5**:97; **7**:39
Ectopic
  Differential diagnosis of, **13**:149; **20**:92
  Early detection of, **20**:92
Gonorrhea in, **14**:23€
High-risk, urinary estriol levels in, **8**:146
Hyperactive fetus in, **17**:210
Hypertension in, **7**:29
Listerial septicemia in, **8**:43
Migraine headaches in, **4**:63
Missed, in obese patient, **9**:254
Occupational hazards, in, **10**:202
Preterm labor in, prevention of, **17**:28
Ritodrine in
  Complications of, **5**:66
  In premature labor, **17**:31
Septic shock in, **4**:99
  Correction, **10**:11 (letter)
Trauma in, management of, **1**:220
UTI in, **6**:120

Primaquine
Dosage of, with G6PD deficiency, **20**:89

Procainamide
Use of, during pregnancy, **13**:110
In ventricular arrhythmias, **2**:55

Proctitis
Infectious, x-ray diagnosis of, **6**:85
Viral, diagnosis of, **16**:95

Propionic acid derivatives
In osteoarthritis, **4**:141

Propranolol
As cause of elevated thyroxine, **14**:145
For cocaine overdose, **4**:15
For esophageal varices, **13**:55
Interaction of, with lidocaine, **2**:55
For migraine, **16**:79
In unstable angina, **14**:277; **18**:27
In ventricular arrhythmias, **2**:59

Prostaglandins
In pregnancy, and hypertension, **7**:30

Prostate
Cancer of, differential diagnosis of, **1**:79

Prostatitis
As cause of UTI, **6**:121

Pseudomonas
Folliculitis, from hot tub, **3**:111

Psychiatric illness
In AIDS patients, **18**:177
Bulimia as, **12**:72
As cause of violence in ED, **9**:29
Differentiation of, from organic disease, **9**:212
Misdiagnosis of, in elderly, **12**:76
Posttraumatic war stress, **8**:77
Self-amputation in, **10**:74

Psychogenic illness
Mass spread of, **17**:141

Pulmonary disease
Self-test on (ACP), **19**:147
See also *Lung; Respiratory;* specific diseases

Pulmonary wedge pressure
In monitoring trauma patients, controversies in, **8**:27

Purpura
Immune thrombocytopenic, **15**:79
Thrombotic thrombocytopenic, **12**:57

Pyelography
See *Intravenous pyelography*

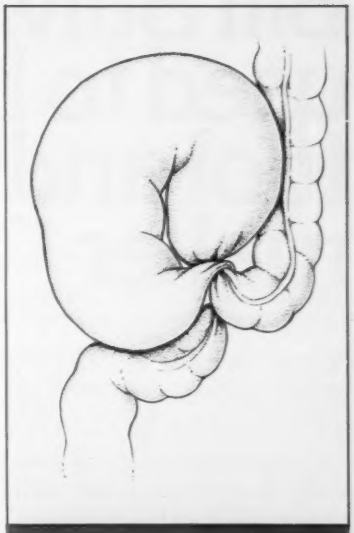
Pyelonephritis
Treatment of, **6**:117

Pyrazinamide
In tuberculosis, **3**:153

Pyridoxine
See *Vitamins*

Pyrimethamine-sulfadoxine
In malaria prophylaxis, **11**:44

Pyuria
As sign of UTI, **6**:115



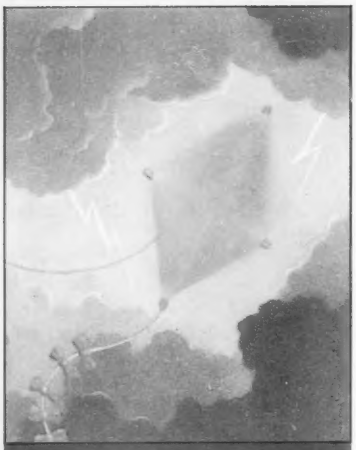
Volvulus

Snakebite

QR

Quinidine
Interaction of, with digoxin, **2**:60; **13**:110
Use of during pregnancy, **13**:109
In ventricular arrhythmias, **2**:59
Verapamil contraindicated with, **18**:26

continued



Lightning injury

Hearing impairment

Rabies
Immunization against, **11**:39; **18**:57

Radiation
Eye injury from, **1**:111

Radiology
Interventional, use of, in trauma, **20**:27
See also *X-ray*

Ragweed
Allergic rhinitis from, **8**:151

Ranitidine
In treatment of duodenal ulcer, **16**:107

Rape
Genital lacerations as sign of, **5**:67
Prostatic acid phosphatase test for, **9**:115

Rashes
Aftercare guidelines for, **15**:109

Refugees
Parasitic infections in, **12**:26
Southeast Asian, problems of, **19**:110

Relaxation therapy
For burn pain, **15**:148

Renal failure
Leg amputation and, **7**:86
As result of malignancy, **14**:141

Replantation
Primary care for, **10**:61

Respiratory disease
Chest x-rays for, in children, **11**:112
And infertility, **14**:57
From occult foreign body, **9**:119
In travelers, **11**:37
Upper, with otitis media, **13**:116

Respiratory distress syndrome
In children, trick for determining, **20**:141
In poisoning, **9**:111

Respiratory failure
From drug overdose, **17**:187

Resuscitation
Transcutaneous oxygen monitoring during, **21**:149
See also *Cardiopulmonary resuscitation*

Retardation
See *Mental retardation*

Retina
Tear of, misdiagnosed, **6**:104

Rhabdomyolysis
Diagnosis of, **5**:177
Exertional, **7**:96

Rheumatic fever
Changing guidelines in management of, **10**:139

Rh incompatibility
In spontaneous abortion, **13**:161

Rhinitis
Allergic, beclomethasone for, **8**:151

Rhinoplasty
Complications of, **4**:31

Rib
Flail, **9**:238
Fracture of
Aftercare for, **3**:223
Management of, **14**:132

Rifampin
In leprosy, **7**:91
In meningitis, correction, **3**:11 (letter)
In tuberculosis, **3**:149

Ritodrine
In pregnancy, side effects of, **5**:66
In suppression of premature labor, **17**:31

Rotator cuff
Tear of, **7**:70

Rubella
Isolation guidelines for mothers and newborns with, **21**:69
In newborns, **12**:79

S

Salicylates
And acetaminophen in asthma, **10**:96
In osteoarthritis, **4**:121, 128
Toxicity of, in long-term use, **4**:87, 133
Pulmonary edema from, **4**:87

Salmonellosis
And atherosclerosis, **12**:162
Isolation guidelines for mothers and newborns with, **21**:69

Sarcoma
Kaposi's, and AIDS, **1**:199

Scabies
Diagnosis and treatment of, **12**:165

Scalp
See *Head*

Scanning
Bone, in brachial plexus injuries, **14**:177
Computed tomography
In abdominal injuries, **15**:31
In aphasia, **14**:77
In brachial plexus injuries, **14**:177
In cerebellar stroke, **5**:89
In interventional angiography, **20**:27
In kidney trauma, **18**:119

In multiple injury, **4**:199
In musculoskeletal trauma, **2**:147
In neonatal seizures, **14**:88
In pancreatic abscess, **16**:187
In pheochromocytoma, **5**:13 (letter)
In splenic abscess, **14**:119
In stroke, **4**:171
In subdural hematoma, **11**:116
Timing of, **9**:254
Radionuclide
Of bones, **5**:88
In cardiac trauma, **5**:81
In chest trauma, **5**:81
In detection of child abuse, **16**:78
In kidney trauma, **18**:119
In liver injury, **5**:85
In myocardial infarction, **1**:74
In pelvic injury, **5**:88
Xenon lung
In evaluation of pulmonary injury in burn patients, **15**:178
See also *Ultrasonography*

Schistosomiasis
Diagnosis of, **12**:42
Management of, **11**:51

Scoliosis
Diagnosis and management of, **10**:79

Scombroid poisoning
Cimetidine for, **10**:48

Scrotum
Examination of, for varicocele, **19**:122

Seizures
Febrile, aftercare guidelines for, **2**:154
After head injury, likelihood of, **9**:94
Neonatal
Management of, **17**:129
From stroke, **14**:87
Phenytoin for
Guidelines for use of, **11**:179
Neonatal, **17**:132

Sepsis
In burn patients, **16**:47
Intra-abdominal, **15**:59
Prophylaxis for, **16**:48
Shock from, **4**:99
Correction, **10**:11 (letter)

Septicemia
Listerial, in pregnancy, **8**:43

Sexual intercourse
Anal, urinary retention from, **1**:110
Easier insertion of diaphragm for, **14**:117

Shinsplints
Diagnosis and management of, **5**:73

Shock
Antishock trousers for, **3**:213
Cardiogenic
Associated with oliguria, treatment of, **16**:13 (letter)
Drugs for, **2**:28
In trauma, **8**:27
Cricothyrotomy device in treatment of, **17**:11 (letter)
Fluid resuscitation in, **2**:126
Hypotensive, from poisoning, **9**:105
Hypovolemic, from burns, **15**:132
Neonatal, **5**:137; **17**:38
Causes of, **17**:44
Septic
As complication of cancer chemotherapy, **4**:109
Diagnosis and treatment of, **4**:99
Correction, **10**:11 (letter)
Treatment of, in multiple injury, **5**:30
Unusual in femoral fracture in children, **6**:157

Shoulder
Common injuries of, **14**:154
Dislocation of, **5**:148; **7**:69; **14**:158
And subluxation, **14**:16 (letter)
Gunshot wound of, **10**:97
Rotator cuff tear, **7**:70
Sports injury to, diagnosis and treatment of, **14**:152

Sick sinus syndrome
Differential diagnosis of, **4**:52; **21**:91

Sign language
For hearing impaired, glossary, **6**:38

Sinusitis
Acute maxillary, **1**:150
In children, **13**:128
Ethmoid, **1**:153
Vacuum, **1**:153

Skin
Cancer of, **9**:124
Cystic acne, treatment of androgen excess, **14**:111
Diseases of, self-test on (ACP), **19**:162
Effect of milk allergy on, **15**:118
Grafts in burn patients, **16**:50
Mycobacterial infection of, from fish, **9**:197
Rash, aftercare of, guidelines for, **15**:109
See also *Melanoma;* specific conditions

Snakebite
See *Bites*

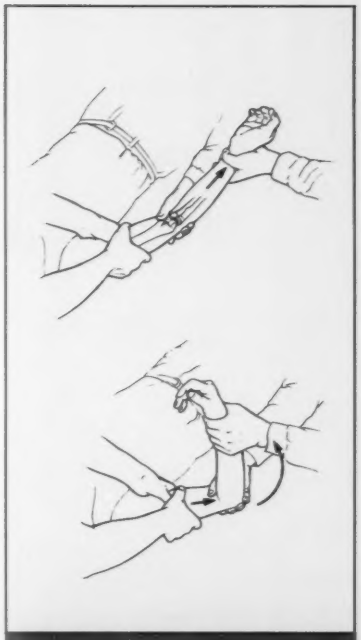
Snoring
As symptom of sleep apnea, **19**:99

Sodium bisulfite
Adverse reactions to use of as preservative, **8**:123

Spider
See *Bites*

Spinal tap
In differential diagnosis of subarachnoid bleeding, **13**:315

continued



Elbow fracture

Intravenous therapy

Newborn resuscitation

Spine
Cervical
Cord syndrome, atraumatic, **12**:142
Injury to, criteria for, **2**:91
Cord compression in cancer patients, **3**:87
CT scanning in trauma to, **2**:147
Injuries to, **1**:183
Lumbar
Chymopapain in treatment of herniated disk in, **15**:103
Fractures of, **1**:183
Thoracic, fractures of, **1**:183
Tuberculosis of, **3**:181
See also *Scoliosis*

Spleen
Abscess of, **14**:118
Blunt trauma to
In children, **14**:35
Rupture in, **1**:107

Splints
For baseball finger, **13**:317
In treatment of burns, **16**:45

Sports medicine
Ankle injuries in, differential diagnosis of, **18**:78
Arm injuries, overview of, **14**:150
Aseptic meningitis outbreaks among high school football players, **16**:150
Baseball finger, treatment of, **13**:318
Brachial plexus injuries, **14**:170
Cardiac screening in child athletes, **15**:222
Concussion, guidelines for return to competition after, **9**:192
Elbow injury, **11**:171; **14**:178
Hand injury, **14**:189
Rhabdomyolysis from exertion, **7**:96
Shinsplints, **5**:73
Shoulder injuries, overview of, **14**:152

Sputum
Examination of, in pneumonia, **19**:41

Staphylococcus
Isolation guidelines for mothers and newborns with infections from, **21**:69

Steroids
Doubtful role of, in treatment of head injury, **20**:159

Stibine
Poisoning with, **1**:246

Stings
Arthropod, **11**:156
Insect, of eye, **3**:60
Jellyfish, treatment of, **7**:11 (letter)

Streptococcus
In differential diagnosis of pharyngitis, **10**:139; **16**:143
Isolation guidelines for mothers and newborns with infections from, **21**:69
In otitis media, **18**:110
And rheumatic fever, **10**:139

Streptokinase
In treatment of myocardial infarction, **17**:229

Streptomycin
In treatment of plague, **9**:211

Stress
In burn management, **16**:29
Mini-, test for myocardial infarction, **20**:170

Stroke
Blood substitute in treatment of, **6**:172
Cerebellar, hydrocephalus as guide to prognosis for, **5**:89
Defined, **4**:163
Diagnosis of, **4**:164
Neonatal, as cause of seizures, **14**:87
Reversing ischemia after, **15**:231
Therapy for, **4**:171

Strongyloidiasis
Diagnosis of, **12**:30

Sty
Treatment of, **3**:58

Succinylcholine
In endotracheal intubation, **6**:158

Suicide
Diagnosis of potential for, **5**:171

Sulindac
In osteoarthritis, **4**:140

Sunburn
As a factor in melanoma, **9**:152

Sunscreens
Poisoning with, **14**:104

Superior vena cava syndrome
In cancer, **3**:39

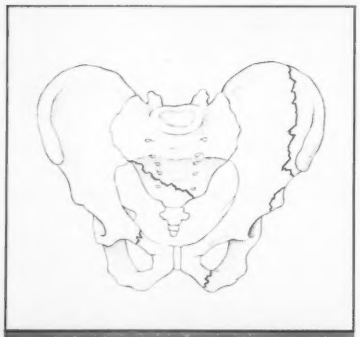
Surgery
Abdominal, control of bleeding in, **13**:121
Cosmetic, complications of, **4**:29
Iatrogenic foreign bodies from, **2**:141
In treatment of ulcers, **16**:113
In unstable angina, **14**:282
Urinary retention after, detection of, **14**:117
See also specific procedures

Swimming pool chemicals
Poisoning with, **14**:99

continued

Dengue fever

Cancer complications



Pelvic fracture

Syncope
Aftercare guidelines for, **8**:42
Echocardiography in differential diagnosis of, **1**:65

Systemic lupus erythematosus
Diagnosis of, **15**:71

T

Tachycardia
Aftercare for, **11**:214
Clinical diagnosis of, **1**:33
ECG in, **1**:43
Electroshock treatment for, **2**:40; **5**:161
Correction, **6**:11 (letter)
In infants, **3**:39, 57
Ventricular, precordial thump contraindicated in, **15**:239

Tagamet
See *Cimetidine*

Tamponade
See *Cardiac tamponade*

Tapeworm
Types and diagnosis of, **12**:31

Tar
Removal of, in burns, **7**:11 (letter)

Teeth
Fracture of, pulpectomy for, in ED, **18**:148

Teratogenicity
Drug-induced, **5**:97
Dysmorphic syndromes, **7**:39

Testes
Epididymitis, diagnosis of, **6**:125
Torsion of, management of, **2**:195
Varicocele, indications for surgical repair of, **19**:122

Tests
For anemia, **16**:123; **21**:26
In children and newborns, guidelines for, **20**:64
For candidiasis, **4**:90
Cardiac, in sick newborns, **17**:54
For coarctation, **19**:87
For ectopic pregnancy, **20**:92
Beta subunit, **20**:92
Culdocentesis, **20**:92
Hemagglutination inhibition, **20**:92
Glasgow coma scale, in head injury, **14**:55
Laboratory results, errors in, source of, **6**:93
Latex agglutination, for meningitis, **6**:183
For milk allergy, **15**:121
Mini-stress, in diagnosis of myocardial infarction, **20**:170
For multiple endocrine neoplasia, **15**:83
For multiple sclerosis, **20**:120
Odor, as sign of disease, **8**:56
For organic brain syndrome, **9**:212
For pancreatic abscess, **16**:187
Peritoneal lavage, for abdominal trauma, **18**:141
For pharyngitis, differential, **16**:143
For pneumonia, **19**:24
Prostatic acid phosphatase, for rape, **9**:115
Pulmonary function, in asthma assessment, **17**:211
Self-
On allergy (ACP), **19**:138
On cardiovascular diseases (ACP), **19**:145
On dermatology (ACP), **19**:162
On endocrinology (ACP), **19**:142
On gastroenterology (ACP), **19**:155
On hematology (ACP), **19**:144
On immunology (ACP), **19**:138
On infectious diseases (ACP), **19**:139
On metabolism (ACP), **19**:142
On nephrology (ACP), **19**:154
On neurology (ACP), **19**:161
On oncology (ACP), **19**:140
On pulmonary diseases (ACP), **19**:147
On rheumatology (ACP), **19**:159
Toxicology certification, **7**:163
Correction, **10**:11 (letter)
For sepsis, in burns, **16**:48
Serologic, before transfusions, **20**:115
Serum amylase
False diagnosis of pancreatitis from, **15**:87
In retroperitoneal injury, **15**:41
For systemic lupus erythematosus, **15**:73
Thyroid function, **3**:116
For tuberculosis, **3**:132
For ulcer
Fiberoptic endoscopy, **16**:102
Upper GI series, **16**:102
Of urinary estriol levels in high-risk pregnancy, **8**:146
For urinary tract infection, **15**:107
For vaginitis, nonspecific, **18**:90
For Whipple's disease, **18**:131

Tetanus
Immunization, trick for remembering last date of, **20**:141

Tetracycline
In Whipple's disease, **18**:131

Tetraethyllead
Poisoning with, **1**:246

Tetralogy of Fallot
Amyl nitrite contraindicated in, **12**:11 (letter)

Theophylline
Toxicity from, misdiagnosed, **10**:135

Thoracic dysplasia
Asphyxiating, in newborns, x-ray diagnosis of, **17**:83

Thoracostomy
Tube
Indications for, **14**:237
Method of, **14**:238

Thoracotomy
In blunt trauma, **10**:54
For CPR, contraindicated, **6**:81
Indications for, **12**:185; **19**:77
Use of, in shock, **5**:46

Throat
Abscess in, **1**:154
Croup, **1**:157
Easier examination of, **14**:117
Epiglottitis, **1**:156
Foreign bodies in, **1**:157
Ludwig's angina, **1**:154
Strep, diagnosis of, **10**:139

Thyroid
Cancer of, **3**:95
Medullary, in multiple endocrine neoplasia, **15**:83
Misdiagnosed as bronchospasm, **18**:182
Function, tests for, **3**:116
Nodular disease of, indications for biopsy in, **19**:91

Thyroxine
Elevated by propranolol, **14**:145

Toes
Blue toe syndrome, **18**:71
Suturing through toenail, **18**:137

Tolazoline
Intraarterial, for ischemic extremities, **20**:81

Tolmetin sodium
In osteoarthritis, **4**:140

Tonsillectomy
Alternatives to, **13**:132
Indications for, **13**:133

Tonsils
Abscess of, **1**:154; **13**:130

TORCH
Diagnosis and treatment of, **12**:79

Torsades de pointes
Drug-induced, **6**:97

Tourniquet
For finger injuries, **12**:93; **18**:137

Toxicology
Certification examination in, **7**:163
See also *Poisoning*

Toxic shock syndrome
Atypical signs of, **12**:157
Isolation guidelines for new mothers with, **21**:69

Toxocariasis
Diagnosis of, **12**:30

Toxoplasmosis
And AIDS, **12**:151
In newborns, **12**:79

Tracheostomy
Indications for, **12**:172
Technique for, **1**:172; **11**:183

Traction
In treatment of burns, **16**:45

Tranquilizers
Overdose of, effects on heart, **17**:181

Transportation
In mass casualty incident, protocols for, **7**:115

Trauma
Blunt, protocol for management of, **1**:96
In children, **14**:28
Controversies in management of
To abdomen, **15**:25
To chest, **12**:169
Drugs and monitoring, **8**:24
In shock, **5**:28
Hearing loss after, **1**:124
Interventional angiography in, **20**:27
Mass casualties in, **7**:110; **10**:28
Massive, rapid fluid replacement in, **18**:65
Multiple, computer program on, **8**:152
In pregnancy, **1**:220
Resuscitation after, **19**:77
Contraindications to, **12**:147
Thoracotomy in, selective use of, **6**:81; **19**:77
See also specific injuries; parts of body

Travel
Diarrhea in, **11**:26
Health information for, **11**:25
Immunization for, **11**:37
International medical assistance in, **11**:64
Parasitic infections from, **12**:25
Tropical diseases in, **11**:44, 47

Triage
In mass casualty incident, **7**:121; **10**:39

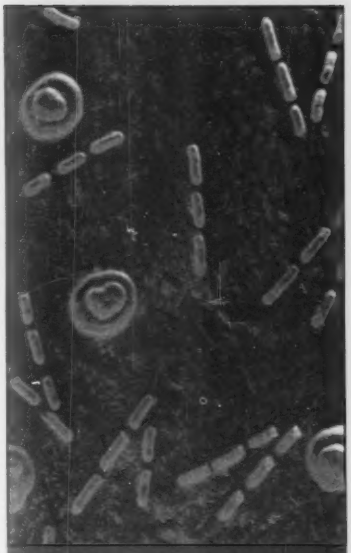
Trichinosis
Diagnosis of, **12**:42

Trichomoniasis
Atypical signs of, **10**:151

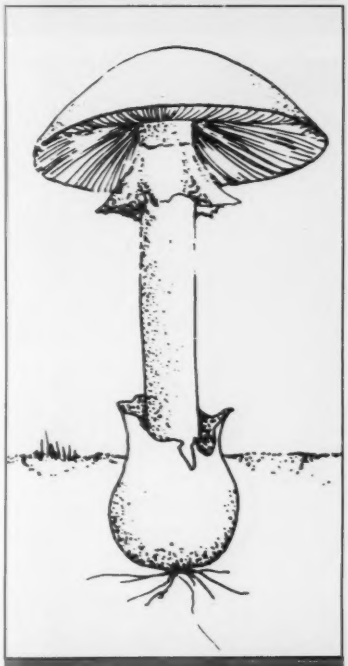
Trichuriasis
Diagnosis of, **12**:27

Trimethoprim-sulfamethoxazole
In otitis media, **18**:108
In traveler's diarrhea, **11**:27

continued



Tuberculosis



Mushroom poisoning

Unstable angina

Mucositis

Tuberculosis
Diagnosis of, **3**:131
Drug reactions in, **3**:176
Gastrointestinal, **3**:181
Genitourinary, **3**:175
Immunization against, **3**:159
Isolation guidelines for mothers and newborns with, **21**:69
Lymph node, **3**:176
Meningeal, **3**:170
Miliary, **3**:169
Nonpulmonary, **3**:168
Pleuritic, **3**:170
Treatment of, **3**:141

Tympanometry
In diagnosis of nonsuppurative otitis media, **13**:120

Typhoid
Immunization against, **11**:38

UV

Ulcer
Duodenal, treatment, overview of, **16**:99
Peptic, associated with milk alkali syndrome, **13**:102

Ultrasonography
In abdominal aortic aneurysm, **12**:139
In biliary disease, **10**:104
Compared with cholecystography, **10**:105
In gallbladder disease, **10**:105; **20**:57
In pancreatic abscess, **16**:187
In pregnancy
To diagnose ectopic, **20**:92
After trauma, **1**:225

Ureter
Symptoms in, after nephrectomy, **8**:82
Treatment of stones in, **18**:76

Urethra
Trauma to, **16**:63

Urethritis
Nongonococcal, **6**:124

Urinalysis
Technique for, **6**:116

Urinary estriol level
In high-risk pregnancy, **8**:146

Urinary stones
Obstructive, treatment of, **18**:76

Urinary tract infection
Causes of, **6**:114
In children, **6**:114
Single-dose therapy for, **11**:119
Chlamydial, in women, **11**:210
Drugs for
In adults, **6**:117
In children, **6**:116; **11**:119
With fewer bacteria, treatment of, **15**:107
Misdiagnosis of, as cancer, **8**:55
Parathyroid adenoma as cause of, correction, **2**:11 (letter)
In pregnancy, **6**:120
Tuberculous, **3**:175

Urine
Retention of, **6**:126
From anal intercourse, **1**:110
Postoperative, detection of, **14**:117

Urography
See *Intravenous pyelography*

Vaccination
See *Immunization*

Vagina
Factitious bleeding in, **2**:94
Speculum examination of, desensitization for, with lidocaine, **18**:137

Vaginitis
Nonspecific, diagnosis and treatment of, **18**:90

Vagotomy
In treatment of ulcer, **16**:117

Valium
See *Diazepam*

Varices
Esophageal, diagnosis and treatment of, **13**:53

Varicocele
Indications for surgical repair of, **19**:122

Vascular injury
Management of, **2**:187

Vasodilators
In cardiogenic shock in MI, **2**:31

Vasopressin
In treatment of esophageal varices, **13**:53

Vasopressors
In esophageal varices, **13**:53

Vasospasm
Of cerebral arteries, as cause of cortical blindness in pregnancy, **14**:209

Veins
Catheterization of, **13**:167; **20**:131

Venereal disease
Herpes simplex viral proctitis, **16**:95
Nongonococcal urethritis, **6**:125
In pregnancy, **14**:236
In travelers, **11**:37
See also *Gonorrhea*

Ventilation
Criteria for, **5**:221
In lung injury, **14**:136
In resuscitation of newborns, **11**:8 (letter)
Weaning from, **12**:179

Ventricular fibrillation
Diagnosis of, **1**:48
Missed, **21**:152
Precordial thump contraindicated in, **15**:239
Prevention of, **14**:257

Verapamil
Contraindicated
With beta blockers, **18**:25
With disopyramide, **18**:26
With quinidine, **18**:26
In heart disease, **18**:24
Interaction with digoxin, **13**:110
Side effects of, **18**:38
Use of during pregnancy, **13**:110

Vertigo
Causes of, **1**:141
Head injury as, **2**:190
Diazepam for, **1**:142
From labyrinthitis, **1**:142
From Ménière's disease, **1**:142
From neuronitis, **1**:141
From noise, **1**:125

Violence
In emergency department, management of, **9**:27

Vitamins
Hypervitaminosis
From B_6 abuse, **21**:131
In milk alkali syndrome, **13**:102

Volvulus
Colonic
Transverse
Symptoms and diagnosis of, **14**:69
Treatment of, **14**:70
X-ray diagnosis of, **6**:192

WX

War
Psychological aftereffects of, **8**:77

Wheezing
From upper airway obstruction by thyroid carcinoma, **18**:182

Whipple's disease
Diagnosis and treatment of, **18**:130

Wounds
Glass puncture, **13**:280
From syringe, **6**:11 (letter)
Trick for debridement of, **21**:143
See also specific injuries

Wrist
Fractures of, **14**:195

Xenon
See *Scanning*

X-rays
In children, for respiratory disease, **11**:112
In detection of glass fragments, **14**:105; **20**:141
In diagnosis of
Abdominal injury, **15**:28
Ankle injury, **14**:81; **20**:13 (letter); **20**:140
Child abuse, **16**:68
Diaphragmatic hernia, **17**:84
Heart failure, **1**:34
Lung injury, **14**:129
Pancreatic abscess, **16**:187
Pneumonia, **19**:24
Proctitis, **6**:85
Sick newborns, **17**:78
Tuberculosis, **3**:133
Interpretation of
Abnormal chest, **3**:95
Avulsion of finger tendon, **4**:207
In colonic volvulus, **6**:192
Drug-filled balloons in GI tract, **8**:170
In elbow trauma, **15**:110
In humeral fractures, **9**:170
In leg fractures, **10**:147
In pelvic fractures, **12**:191
In ruptured abdominal aortic aneurysm, **2**:213
Povidone-iodine radiopaque in, **18**:182
Of puncture wounds, tricks for marking, **20**:141
See also *Arteriography; Cholecystography*

YZ

Yellow fever
Immunization against, **11**:39

Zipper injury
To penis, management of, **1**:11 (letter)

Index of authors begins on page 219

Shoulder injury

INDEX OF AUTHORS

A

Abdulla AM
Amyl nitrite, **12**:11 (reply to letter)
Cardiac diagnosis, **1**:28
Vasoactive drugs, **2**:28

Abelson L 17:11 (letter)

Abraham E 10:76

Achuff SC 16:186

Ackerman AB 9:126

Adams L 5:221

Adinolfi MF
Trauma Rounds
Hypotension after deceleration injury, **6**:151
Gunshot wound to the shoulder, **10**:97
Bladder injury, **12**:111
Cardiac contusion, **13**:122
Tube thoracotomy, **14**:237
Urethral trauma, **16**:63
Renal trauma, **18**:115
Penetrating chest wound, **20**:107
Acute traumatic arteriovenous fistula, **21**:135
Traumatized veins, **2**:187

Admire RC 7:96

Albin MS 1:87

Alford CA 12:79

Aljamal E 10:212

Allard R 11:38

Allen TD 2:195

Allman FL 18:78

Alpert BS 10:61

Alpert MA 9:61

Al-Suleiman S 9:71

Amin M 4:57

Amler RW 21:103

Amplatz K 8:135

Amsel RJ 18:90

Andersen BR 12:162

Anderson JA 17:214

Anderson JL 17:229

Anderson M 3:61

Anderson WR 4:99

Antel JP 20:120

Applebaum R 21:149

Aprahamian C
Calcium chloride in cardiac arrest, **16**:155
Precordial thump, **15**:239

Aranha GV 16:187

Aranosian RD
Deaf patients, **6**:29
Mentally impaired patients, **14**:123

Armstrong CJ 16:186

Armstrong D 1:197

Arrowsmith SR 18:78

Artman M 3:28

Ashley MJ 3:170

Athinarayanan PR 9:123

Aurbakken CM 10:53

Awad SA 14:141

Ayres SM 16:166

B

Babu SC 3:123

Bahna SL 15:117

Bailey TD 10:76

Bailey WJ 7:11 (letter); **21**:11 (letter)

Baker DP 1:221

Balkin MS 3:116

Bandali K 10:106

Banner MP 8:82

Barbato AL 19:91

Barbour AG 14:225

Baron RC 16:150

Barry M 19:110

Bast TF 14:225

Batson R 14:76

Bauer JH 9:61

Baxter CR 15:184

Beall AC Jr 5:80

Bean JR 16:82

Beasley WE III 18:134

Beatty EC Jr 5:164

Becker CE 19:104

Becker DP 20:159

Beerman CA 16:143

Beesinger DE 15:141

Behal J 2:184

Belitsky P 14:141

Bell DP 16:63

Bell T 18:61

Benach JL 14:225

Ben-Menachem Y 1:96

Benowitz BA 12:157

Benson DR 16:191

Bentley G 2:159

Ben-Zvi Z 5:172

Berdeaux DH 9:126

Berg S 18:76

Bergeson PS 9:185

Bergfeld JA
Brachial plexus injuries, **14**:170
Clavicle injuries, **14**:164
Hand injuries, **14**:189

Berlanstein B 14:69

Berlin BS 18:57

Bernstein DM 9:67

Berry FA Jr 3:103

Bertram DL 16:186

Beutler E 21:26

Bhatia JJ 20:155

Bigelow DB
Flail chest, **9**:238
Trauma Controversies
Shock, **5**:28
Drugs and monitoring, **8**:24
Chest trauma, **12**:169

Billowitz E 18:137

Bisno AL 10:139

Bivens BA 16:82

Blaisdell FW 6:81

Blakesley ML 10:48

Blau SP 9:231

Bloch RS 15:87

Bluestone CD 13:116

Bodai BI 6:81

Bohlman ME 14:69

continued

Bone RC 16:186
Borman KR 10:53
Bortolussi R 6:183
Bose B 7:14 (reply to letter)
Bosler EM 14:225
Boswick JA Jr 15:141
Bottenfield G 6:157
Bouwman DL 15:87
Bouzarth WF 20:159
Boyd RJ 15:103
Boyer KM 21:69
Braithwaite SS 19:91
Bray BE 17:233
Bremner WF 13:281
Brenner BE
Emergency tracheotomy, **11**:183
Inserting a chest tube, **10**:76
Bresler MJ 2:91
Brinton M 5:77
Bristow JD 18:24
Brockman M 10:151
Brooks MH 19:91
Brotman S 7:86
Brown MJ 21:131
Brown RB 19:26
Brown WE 18:57
Browner BD 7:86
Bruce DA 14:28
Brymer JF 17:234
Brzica SM 20:115
Buck JR 6:105
Bulloch G 18:137
Buncke HJ 10:61
Burgdorfer W 14:225
Burgoyne GH 18:57
Burke JP 12:157
Burris G 7:100
Burton C 15:103
Butler VP 13:281
Butman AM 7:111

C

Cain TL 18:65
Calabro JJ 4:111
Camarillo D 6:168
Cameron DJ 14:225
Cantenkin EI 13:116
Carden DL 17:211
Carlson RE 10:11 (letter)
Carpenter CM 12:139
Carpentieri U 20:64
Carrico CJ
Cardiac trauma, **8**:49
Trauma Controversies
Chest trauma, **12**:169
Carro EF 20:159
Carroll PR 13:101
Carroll RR 15:79
Carruth JE 14:257
Casey S 6:184
Cass AS 1:110
Cassady G
The sick newborn: Better monitoring, **17**:59
The sick newborn: Three forms of shock, **17**:38
Castaneda-Zuniga WR 8:135
Castell DO 5:13 (letter)
Castillo JJ 19:11 (letter)
Cates W 11:37
Cavanagh D
Septic shock, **4**:99; **10**:11 (reply to letter)
Caveness WF 9:94
Cerchio MP 2:11 (letter)
Chakmakjian ZH 14:111
Chalfin LJ 20:131
Champion HR 14:259
Charap MH 2:11 (reply to letter)
Chatterjee K
Calcium blockers, **18**:24
Unstable angina, **14**:271
Chen JP 13:281
Chen KS 18:92
Chen S 7:100
Chestnut CH III 8:49
Chinnici J 18:137
Chipman CD 3:207
Chopivsky P 8:122
Chretien JH 1:91
Cicero JJ 9:75
Civetta JM 16:186
Clark F 15:127
Clark OH 13:101
Clark P 12:157
Clark W 9:133
Clauss RH 3:123
Clayman R 8:135
Cleveland HC
Thoracotomy after trauma, **19**:77
Trauma Controversies
Shock, **5**:28
Chest trauma, **12**:169
Cobb LA
Cardiac trauma, **8**:49
Defibrillation, **5**:161
Cockshott WP 20:140
Coffey PH 3:11 (letter)
Cogbill TH 19:77
Cohen C 9:119
Cohen J 18:181
Coleman D 19:110
Coleman JL 14:225
Colfer HT 17:234
Collins JA 4:179
Comstock GW 3:137
Condon RE 17:225
Conley F 12:152
Connolly JF
Fracture Pitfalls
Thoracic and lumbar spine, **1**:183
The pelvis, **3**:183
The clavicle and shoulder girdle, **5**:148
Shoulder subluxations and dislocations, **7**:69
The humerus, **9**:170
The elbow, **11**:163
The forearm, **13**:235
Metacarpals and phalanges, **15**:201
The hip, **19**:53
The femur, **21**:51
Coodley EL
Parathyroid adenoma, correction, **2**:11 (reply to letter)
Pheochromocytoma, **5**:13 (reply to letter)
Therapeutic Conference
Progressive lethargy and dyspnea, **1**:79
Unexplained massive ascites, **2**:77
Abnormal chest x-ray, **3**:95
Possible sick sinus syndrome, **4**:52
Polyarthralgia, **5**:47
Thigh swelling, **6**:60
Culture-negative endocarditis, **7**:59
Blunt abdominal trauma, **8**:63
Shortness of breath and edema, **9**:53
Epigastric pain and dry cough, **10**:45
Chest discomfort and peripheral edema, **11**:103
Hematuria, petechiae, jaundice, **12**:57
Headache and fever, **13**:61
Recurrent respiratory infection and infertility, **14**:57
Joint swelling, **15**:71
Anemia, **16**:123
Acute abdominal pain, **17**:135

Unexplained joint pain, **18**:42
Pleuritic pain, **19**:125
Upper quadrant pain, **20**:57
Sick sinus syndrome, **21**:91

Coombs DW 3:224

Cooper DS 14:145

Cooper MA
Electricity-related injuries, **8**:99; **16**:13 (reply to letter)

Copass MK 5:161

Coren S 1:11 (letter)

Corey L 16:95

Corrao WM 8:143

Cote DD 4:82

Coulter HO 19:110

Counts GW 15:107

Cowan R 18:56

Cowley RA
Severe leg injury, **7**:86
Traumatic chylothorax **14**:73

Cox EF 18:141

Craft J 19:110

Craft JE 14:225

Cram AE
Burns—fluids and electrolytes, **15**:184
Burns—pain relief, **15**:141

Crosby WH Jr 21:26

Crowell WT 18:130

Cummings P 12:94

Curran GL 13:11 (letter)

Curran JW 1:197

Curtis JW Jr 18:148

Cushing AH 9:207

D

Daeschner CW III 20:64

Dailey RH 13:167

Daniel TM 3:137

Daniels GH 14:145

Dannewitz SR
Trick for ECG leads, **8**:122
Trick for exvenomation, **20**:141

Danzl D 11:116

Darin JC
Calcium chloride in cardiac arrest, **16**:155
Precordial thump, **15**:239

Darling DB 11:112

DasGupta DS 13:287

Datta R 3:11 (letter)

Datz FL 17:233

David IB 6:105

Davidson PT 3:132

Davis CE 20:150

Davis J 16:13 (letter)

Davis JH
Trauma Controversies
Shock, **5**:28
Chest trauma, **12**:169

Davis PB 16:13

Day CL 9:126

Deckers PJ 2:111

Degesys GE 6:86

Dell SO 14:76

DeMuth GW 10:74

Denny DW 17:11 (letter)

Depner TA 6:78

Derveloy RJ 5:111

DeSantis D 18:137

Dillon JD 9:94

Dimick AR
Burns—initial treatment, **15**:130
Burns—perils of sepsis, **16**:47

Dolan P 3:197

Dombrowski PJ 8:71

Done AK
Toxic Emergency
Petroleum industry specials, **1**:237
An update on antidepressants, **3**:225; **11**:8 (reply to letter)
Of drugs and altered development, **5**:97
Drugs, toxins, and dysmorphic syndromes, **7**:39
The cardiopulmonary presentation, **9**:98
Digoxin and all that, **11**:191
Autonomic toxicology primer, **13**:134
Autonomics unraveled: I. cholinergics, **14**:287
Autonomics unraveled: II. adrenergics, **21**:107
Toxicology boards, **7**:191

Dorken E 3:170

Drew WL 1:197

Drez D Jr
Ligament injury, **14**:81; **20**:13 (reply to letter)

Drury LR 11:179

Drusin LM 18:158

Dubin WR 9:212

Ducker TB 20:159

Duggan E 5:164

Dunham CM 18:141

Dunn EL 1:195

DuPont HL 11:27

Dutt AK 3:154

Dyken PR 17:129

E

Earnest MP 11:179

Echt DS 8:160

Edelman R 14:225

Edmeads J 4:163

Edwards PQ 3:137

Edwards WS 12:139

Eisenhauer ED 5:111

Eisner ME 21:149

Elerding SC 1:195

Elkayam U 13:104

Elrod JA 5:164

Emanuele MA 19:91

Enarson DA 3:170

Enomoto PI 15:89

Epstein MF
Newborn resuscitation, **5**:116; **11**:8 (reply to letter)

Ericsson C 11:32

Eschenbach D 18:92

F

Faber T 10:11 (letter)

Fadel HE 17:28

Faerber EN 11:112

Fahrney PM 9:27

Fairley HB 16:186

Fan LL 21:123

Farer LS 3:129

Farrell RG
Treating miscarriage in the ED, **13**:148; **19**:11 (reply to letter)

Featherstone HJ 16:79

Feldman M 13:83

Feliciano DV 12:147

Fenny DM 9:94

Ferguson RK 7:103

Fermaglich J 1:91

continued

FROM EM BOOKS

MUST READING

FOR THE PRIMARY CARE PHYSICIAN

TOUCHING ALL BASICS
The best of EMERGENCY MEDICINE, 1969-1974

230 pages of essential how-to articles on managing common emergencies. $12.50

BACK TO BASICS
The best of EMERGENCY MEDICINE, 1974-1979

485 pages of practical information on managing acutely ill or injured patients. $32.50

CPR AND EMERGENCY CARDIAC CARE
Edited by Joseph Schluger, M.D., and Alan F. Lyon, M.D.

Expanded proceedings of the NYHA conference on CPR and emergency cardiac care. 144 pages $8.95

AFTER THE EMERGENCY
By David B. McMicken, M.D., and Frank Quintero, M.D.

English and Spanish information and instruction sheets for 71 common and acute conditions. 167 pages $6.95

ORDER YOURS TODAY

Mail your check to:
EM Books
280 Madison Avenue
New York, NY 10016
All orders must be prepaid; Canadian residents add $1.50 for postage.

Ferraris VA 10:105
Ferris TF 7:29
Fihn S 15:103
Filler RM 6:105
Filstein MR 16:150
Fischer TJ 10:96
Fish S 6:158
Fishman EK 14:69
Fitzgibbons TJ 20:81
Fleischer AS 15:232
Fleischer D 13:249
Fleming LL 18:78
Flint LM
Open pelvis fractures, **4**:57
Ventilatory support, **5**:221
Flomenbaum N
Diagnosing by smell, **8**:57
ED evaluation, **13**:302
Emergency Tips from the Literature: **1**:14; **2**:25; **3**:14; **4**:11; **5**:16; **6**:16; **7**:15; **8**:11; **9**:14; **10**:15; **11**:11; **12**:14; **13**:15; **14**:19; **15**:15; **16**:17; **17**:14; **18**:15; **19**:15; **20**:17; **21**:13
Poisoning: GI front, **17**:152
Flynn JW 21:123
Foker J 9:123
Ford LT 15:103
Fort P 20:142
Foster RK 12:70
Fozzard H 13:281
Francis DP 18:160
Frank H 9:119
Frank LI 7:96
Frank MJ 2:51
Frankel RI 15:89
Frederick PR 17:233
Freeark RJ
Trauma Controversies
Shock, **5**:28
Abdominal trauma, **15**:25
Freedman ML 21:26
Freeman SB 20:131
Frentz GD
Trauma Rounds
Bladder injury, **12**:111
Urethral trauma, **16**:63
Renal trauma, **18**:115
Fria TJ 13:116
Friedman AC 13:249
Friedman AE 6:168
Frishman WH 13:104
Furlong R 13:96
Furukawa CT 13:128

G

Gabel LL 17:210
Gafford FH IV 16:186
Gandhi MD 15:118
Garagusi VF 1:91
Garay SM 17:187
Gardner RE 18:137
Garr DR 16:186
Garrett G 2:148
Gartside PS 10:96
Gaspar MR 20:81
Gaudino J 10:103
Gaum WE 13:281
Gay GR 4:67
Gernsheimer J 6:165
Gersh BJ 8:50
Gerstoft J 1:197
Getz SB Jr 18:134
Ghishan FK 18:153
Gillespie RW 15:137
Gitnick GL 14:215
Glass DD 14:129
Glass RI 14:236
Glassman AB 6:73
Glaze K 13:11 (letter)
Godec CJ 1:110
Goldberg AD 17:234
Goldberg PK 4:90
Goldberger JH 9:67
Goldblatt SA 16:143
Goldenberg RI 1:11 (letter)
Goldenson RH 6:11 (letter)
Goldfrank L
Diagnosing by smell, **8**:57
Emergency Tips from the Literature: **1**:14; **2**:25; **3**:14; **4**:11; **5**:16; **6**:16; **7**:15; **8**:11; **9**:14; **10**:15; **11**:11; **12**:14; **13**:15; **14**:19; **15**:25; **16**:17; **17**:14; **18**:15; **19**:15; **20**:17; **21**:13
Goldman RH 10:182
Goldman SM 14:69
Goldstein BJ 5:167
Goldstein K 8:122
Goldstein S 17:234
Goldweber R 12:93
Golladay ES 21:139
Gonzalez F 6:165
Goodell SE 16:95
Goodman PC 7:51
Gordon L 10:61
Gordon M 18:158
Goswick C 18:57
Gould RN 5:73
Grad G 20:142
Graeve AH 12:139
Graham TP Jr 3:28
Greene H 18:153
Greene MH
Melanoma, **9**:125; **14**:16 (letter)
Greenlee HB 16:187
Gregory GA 5:137
Grenvik A 16:186
Griffin JC 8:160
Griffin PP 14:28
Grimes EM 9:71
Grodzicki RL 14:225
Grossman JA 4:29
Grzybowski S 3:168
Guberman A 1:115
Gudeman SK 20:159
Guerrero MM III 2:71
Guest J 15:184
Guilfoile TD 10:96
Guiney DG Jr 20:150
Gulamhusein S 6:97
Gumport SL 9:125
Guze PA 11:196

H

Haack D 16:82
Haber E 13:281
Habicht GS 14:225
Hadsell C 10:212
Hagan AD 17:233
Haggard ME 20:64
Hallberg PW 15:184
Haller JA Jr 14:28
Hallstrom AP
Cardiac trauma, **8**:49
Defibrillation, **5**:161
Halstead BW 7:11 (reply to letter)
Hamer R 12:132
Hamit HF 2:115
Hanrahan JP 14:225
Hansbrough JF 18:65
Hanson AS
Cat dander, **14**:117
Forearm casting, **15**:127
Hardin WD Jr 2:187
Hargens AR 5:73
Harmon T 16:42
Harrington JE 14:16 (letter)
Harrison JA 16:191
Harty J 4:57
Harwood AL 6:103
Hasegawa P 20:150
Haskin K 6:11 (letter)
Hastings PR 5:111
Hatch MH
Athlete's meningitis, **16**:150
Conjunctivitis, **12**:70
Hayes CW 13:76
Healey K 19:104
Healy GB 2:190
Heffernan JC 5:13 (letter)
Heffner JE 4:87
Hejna WJ 15:103
Hellerstein S 5:164
Henderson RR 5:57
Hennenfent B 21:143
Hering PJ 10:11 (letter)
Herndon JH Jr 14:111
Herrera GT 18:130
Herrera M 8:135
Herrmann K 12:80
Hicks J 6:93
Higgins L 18:158
Ho K-J 18:130
Hoag RW 8:146
Hoang GN 19:120
Hobbins JC 13:96
Hoeprich PD 16:191
Hoffer EP
Ask the Computer
Multisystem trauma, **8**:152

continued

Tricks of the Trade: **2**:184; **6**:165; **8**:122; **10**:212; **12**:93; **14**:117; **15**:127; **18**:137; **20**:141; **21**:143

Hoffman J 5:172

Hoffman SA 9:115

Holmes KK
Herpes proctitis, **16**:95
Urinary tract infection, **15**:107
Vaginitis, **18**:92

Holt GR 13:130

Hooper D 3:224

Hopewell PC 3:137

Hopkins RG 20:13 (letter)

Hornbein TF 2:135

Horwitz L 15:239

Horwitz R 19:110

Howell CG 17:103

Howells E 6:106

Howland MA 14:99

Hubbard LF 2:147

Hubbard VS 16:134

Hugenholtz H 9:192

Humphries LL 12:72

Hunt J 18:61

Hustead RM 2:94

Huston AC 16:191

Hutcheon MA 15:235

Hyland RH 15:235

Hyslop JW 2:141

I, J

Indenbaum G 15:167

Irwin RS 8:143

Ivatury RR 10:103

Jacobs LM Jr 10:29

Jacobson JA 12:157

Jacobson S
Errors in Emergency Practice: **1**:218; **2**:101; **3**:115; **4**:89; **5**:177; **6**:104; **7**:160; **8**:55; **9**:253; **10**:135; **11**:209; **12**:76; **13**:115; **14**:148; **15**:242; **16**:163; **17**:207; **18**:182; **19**:95; **20**:178; **21**:152
Red Cross training, **3**:11 (reply to letter)

Jain VK 11:198

Javid MJ 15:103

Jenkin JK 20:140

Johnson DE 9:123

Johnson E 14:225

Johnson LF 13:249

Johnston D 16:117

Jonas HS 9:71

Jones BA 15:83

Jones W 10:212

Jordan PH
Abdominal aortic aneurysm, **6**:106
Duodenal ulcer, **16**:118

K

Kaminski RM 12:70

Kane J 20:89

Kanto WP Jr 14:236

Kanwar YP 12:162

Kapila R 1:197

Kaplan AI 3:140

Kaplan AM 9:185
IM injection in children, **9**:185; **20**:13 (reply to letter)

Kaplan J 21:131

Kaplan NM 14:64

Kasdon DL 14:76

Kashuk JL 11:203

Kaslow R 14:225

Kattan M 5:172

Katz VL 8:43

Kearns GL 10:96

Keefe DL 8:160

Keim DE 1:11 (letter)

Kelly JP 20:107

Kelsick F 8:169

Kent SP 18:130

Kerstein MD
Trauma Rounds
Gunshot wound to the shoulder, **10**:97
Traumatized veins, **2**:187

Kesarwala HH 10:96

Khaja F 17:234

Kibbee E 15:141

Kikendall JW 13:249

Kilgore ES Jr 3:61

King EG 2:201

Kistler JP 9:97

Kitchens CS 15:79

Kitterman JA 5:137

Kizer KW 7:51

Klausner SC 17:233

Klein GJ 6:97

Klein LA 18:76

Knuppel RA 4:99

Ko PT 6:97

Kodsi BE 4:90

Koller R 14:209

Koplan JP 3:149

Kornblatt AN 14:225

Korzeniowski OM 11:47

Kossoff J
The Emergency X-ray
Radiology quiz V, **2**:213
Radiology quiz VI, **4**:207
Radiology quiz VII, **6**:192
Radiology quiz VIII, **8**:170
Radiology quiz IX, **10**:147
Radiology quiz X, **12**:191

Kostuk WJ 6:97

Kotagal S 7:100

Koyle M 18:76

Kozinn PJ 4:90

Kramer DA 20:131

Kreisman H 9:119

Kreutner A Jr 9:200

Krigel RL 18:159

Krush AJ 9:155

Kübler-Ross E 18:168

Kumar K 11:119

Kurata JH 16:100

Kurian T 17:234

Kvale PA 17:214

L

Lacina SJ 13:287

Ladenson PW 14:145

Lam C 5:172

Lamki N 10:104

Lamphier TA 10:212

Land MA 10:139

continued

Lang EK
Trauma Rounds
Bladder injury, **12**:111
Urethral trauma, **16**:63
Renal trauma, **18**:115

Lange M 1:197

Lannon SG 14:141

Lapin R 6:168

Laptook AR 7:155

Larson EB 2:135

Lauber AA 5:67

Lauber SE 21:145

Lauersen NH 4:63

Laufer F 2:184

Lawrence AM 19:91

Lawrence RM 16:191

Lee RA 2:94

Lee T 17:234

Lee YF 5:73

Leonard LG 3:108

Leonidas JC
Child abuse, **16**:68
Child chest films, **11**:112

Lerman S
Resuscitation of newborns, **11**:8 (letter)
Tricks for puncture wounds, **20**:141

Leung DYM 8:128

Leung FW 11:196

Levin RI 17:172

Levine EM 6:168

Levine M 12:11(letter)

Levinson B 8:56

Levy G 9:218

Lifshitz F 20:142

Lim AS Jr 18:137

Lim RC 5:77

Linn ES 21:69

Linos DA 14:118

LiPuma JP 9:204

Litovitz TL 16:89

Lo E 17:234

Lobel H 11:44

Loden JP 5:57

Lofgren JP 16:150

Lombardo JA 14:178

Lovrien EW 6:84

Luft BJ 12:152

Lund ME 8:175

Lundak WE 15:167

Lutz JR 17:233

Lynch HT 9:155

Lyon RP 19:122

M

Mack BJ 17:165

Mack FG 14:141

Macnamara TE 16:186

Mahon B 6:165

Malagelada JR 16:100

Malangoni MA 17:225

Malawista SE 14:225

Malhotra V 12:162

Malish DM 2:11 (letter)

Malison MD 8:89

Mandel EM 13:116

Mann JM 9:207

Mannino FL 14:87

Manos J 9:200

Mansour F 5:164

Marcus FI 13:281

Margolis JA 16:13 (letter)

Marks-Katz M 20:142

Maron B 15:222

Marshall HW 17:233

Marshall S 19:122

Martin R 2:184

Maruta T 2:94

Marx JA 11:179

Marynick SP 14:111

Mascia AV 11:57

Mason GR 21:149

Mason JW 8:165

Mass LD 1:197

Mathew OP 20:155

Matthews JH 3:140

Mattox KL
CPR—not for everyone, **12**:147; **18**:11 (reply to letter)
Trauma Controversies
Shock, **5**:28
Drugs and monitoring, **8**:24
Chest trauma, **12**:169
Abdominal trauma, **15**:25

Matz R 11:56

Mauer KW 19:99

Maull KI 2:141

McCaffree DL 14:111

McCoy K 16:134

McCulley JP 21:145

McDermott JH 2:148

McDonald RH 3:159

McIlrath DC 14:118

McLellan R 10:151

McMicken DB
After the Emergency: **1**:109; **2**:154; **3**:223; **4**:158; **5**:226; **6**:111; **7**:95; **8**:42; **9**:202; **10**:155; **11**:214; **15**:109

McPhee MS 11:27

McSwain NE Jr
Drugs and monitoring, **8**:24
Flail chest, **9**:240
Trauma Rounds
Hypotension after deceleration injury, **6**:151
Gunshot wound to the shoulder, **10**:97
Bladder injury, **12**:11
Cardiac contusion, **13**:122
Tube thoracotomy, **14**:237
Urethral trauma, **16**:63
Renal trauma, **18**:115
Penetrating chest wound, **20**:107
Acute traumatic arteriovenous fistula, **21**:135

Mecikalski MB 6:78

Medford HM 18:148

Mehlman D 13:287

Mellor CS 11:198

Mellor J 3:132

Memon AM 3:159

Mendelson EB 6:85

Meriwether D 18:181

Mersberger J 16:13 (letter)

Merten DF 16:68

Messite J 10:181

Mieszala P 16:28

Mikhail RA 14:213

Mildvan DT 1:197

Miller FA Jr 8:50

Miller JD 20:159

Miller JM 15:239

Miller JM
Asthma, psychosomatic influences on, **5**:13 (letter); **12**:11 (letter)

Miller SE 5:77

Miller W 17:55

Millett K 15:103

Millikan JS
Coagulopathy after trauma, **11**:203
Fluid replacement, **18**:65

continued on page 233

Thoracotomy after trauma, **19**:77

Minkoff H 8:169

Mintzer RA 6:85

Mirsky S 11:60

Mitchell FL Jr 15:25

Mitchell JR 18:57

Mkrtichian E 16:95

Moe J 12:93

Mofenson HC 13:281

Mohr JP 9:97

Molino R 15:127

Mollitt DL 21:139

Monafo WW Jr
Burns—fluids and electrolytes, **15**:184
Burns—nutritional demands, **16**:52
Burns—perils of sepsis, **16**:47

Moomaw CJ 10:96

Moore EE
Coagulopathy after trauma, **11**:203
Sexism in appendicitis, **1**:195
Thoracotomy after trauma, **19**:77
Trauma Controversies
Shock, **5**:28
Drugs and monitoring, **8**:24
Chest trauma, **12**:169
Abdominal trauma, **15**:25

Moore JB 11:203

Moore M 16:150

Morens DM 12:70

Morse SD 12:142

Moss A 5:205

Moss AJ 19:87

Moulding TS 3:149

Moylan JA 10:159

Mubarak SJ 5:73

Mucha P Jr 8:50

Mulley AG 16:186

Munson DP 9:123

Munster AM 3:108

Murphy DJ Jr 13:281

Murphy JR 1:195

N

Nagorney DM 14:118

Nallathambi M 10:103

Nath C 12:93

Nebesar RA 5:81

Nehme AE 14:213

Nelson A 9:123

Nelson R 11:8 (letter)

Neu HC 3:11 (letter)

Newmeyer WL III 3:61

Newton SE 15:103

Nigbur MA 14:117

Nishimura RN 14:209

Nordby EJ 15:103

Norman RW 14:141

Nouri S 7:100

Nowak RM 17:211

Noyes WD 15:79

Nussbaum AJ 15:110

Nussbaum E 15:80

OP

O'Connell RC 2:187

O'Connor WT 8:122

Olsen KD 19:99

Olson KR 19:104

O'Morchoe PJ 19:91

O'Neill WW 17:234

Onorato IM 12:70

O'Rourke R 18:24

Ortiz AE 17:215

Oruck JL 4:82

O'Shaughnessy MV 11:210

Osterberger L 17:234

Ostheimer GW 5:116

Ostopkowicz E 3:170

Owens JC
Trauma Controversies
Shock, **5**:28
Drugs and monitoring, **8**:24
Chest trauma, **12**:169

Oxford S 1:87

Oyewole MA 13:249

Pageau M 3:224

Paloyan E 19:91

Pan HC 13:76

Pang D 19:72

Paradise JL
Middle-ear effusion, **13**:116
Otitis media, **18**:96

Parker E 18:137

Parker W 14:81

Parmley WW 5:178

Pathak DR 21:123

Patriarca PA 12:70

Patt PG 14:69

Peck JJ 20:81

Peckham GJ 5:116

Pedersen AM 7:14 (letter)

Pedicano J 20:89

Pensler MI 17:215

Perloff D 18:54

Peterson T 14:76

Peterson WL Jr 16:102

Pettit MG 21:145

Phibbs RH 5:137

Phillips A 13:281

Piepmeier JM 8:129

Pietrafitta JJ 2:111

Pilz CG 12:162

Pin M 2:184

Pitt B 17:234

Pleasure D 21:131

Politis J 3:132

Pollack HM 8:82

Pollet C 10:212

Pond SM 19:104

Potkin RT 8:49

Pratter MR 8:143

Preble OT 1:197

Prevost E 9:200

Prinz RA
Pancreatic abscess, **16**:187
Thyroid biopsy, **19**:91

Pugliese MT 20:142

Pui M 20:140

Pushkin J 14:236

QR

Quinn TC 16:95

Quintero F
After the Emergency: **1**:109; **2**:154; **3**:223; **4**:158; **5**:226; **6**:111; **7**:95; **8**:42; **9**:202; **10**:155; **11**:214; **15**:109

continued

Minipress®
(prazosin HCl) Capsules 1 mg, 2 mg, 5 mg

Brief Summary
MINIPRESS® (prazosin hydrochloride) Capsules ***For Oral Use***
INDICATIONS: MINIPRESS (prazosin hydrochloride) is indicated in the treatment of hypertension. As an antihypertensive drug, it is mild to moderate in activity. It can be used as the initial agent or it may be employed in a general treatment program in conjunction with a diuretic and/or other antihypertensive drugs as needed for proper patient response.
WARNINGS: Minipress may cause syncope with sudden loss of consciousness. In most cases this is believed to be due to an excessive postural hypotensive effect, although occasionally the syncopal episode has been preceded by a bout of severe tachycardia with heart rates of 120–160 beats per minute. Syncopal episodes have usually occurred within 30 to 90 minutes of the initial dose of the drug; occasionally they have been reported in association with rapid dosage increases or the introduction of another antihypertensive drug into the regimen of a patient taking high doses of MINIPRESS. The incidence of syncopal episodes is approximately 1% in patients given an initial dose of 2 mg or greater. Clinical trials conducted during the investigational phase of this drug suggest that syncopal episodes can be minimized by limiting the initial dose of the drug to 1 mg, by subsequently increasing the dosage slowly, and by introducing any additional antihypertensive drugs into the patient's regimen with caution. (See DOSAGE AND ADMINISTRATION.) Hypotension may develop in patients given MINIPRESS who are also receiving a beta-blocker such as propranolol.
If syncope occurs, the patient should be placed in the recumbent position and treated supportively as necessary. This adverse effect is self-limiting and in most cases does not recur after the initial period of therapy or during subsequent dose titration.
Patients should always be started on the 1 mg capsule of MINIPRESS. The 2 and 5 mg capsules are not indicated for initial therapy.
More common than loss of consciousness are the symptoms often associated with lowering of the blood pressure, namely, dizziness and lightheadedness. The patient should be cautioned about these possible adverse effects and advised what measures to take should they develop. The patient should also be cautioned to avoid situations where injury could result should syncope occur during the initiation of MINIPRESS therapy.
Usage in Pregnancy: Although no teratogenic effects were seen in animal testing, the safety of MINIPRESS in pregnancy has not been established. MINIPRESS is not recommended in pregnant women unless the potential benefit outweighs potential risk to mother and fetus.
Usage in Children: No clinical experience is available with the use of MINIPRESS in children.
ADVERSE REACTIONS: The most common reactions associated with MINIPRESS therapy are: dizziness 10.3%, headache 7.8%, drowsiness 7.6%, lack of energy 6.9%, weakness 6.5%, palpitations 5.3%, and nausea 4.9%. In most instances side effects have disappeared with continued therapy or have been tolerated with no decrease in dose of drug.
The following reactions have been associated with MINIPRESS some of them rarely. (In some instances exact causal relationships have not been established.)
Gastrointestinal: vomiting, diarrhea, constipation, abdominal discomfort and/or pain.
Cardiovascular: edema, dyspnea, syncope, tachycardia.
Central Nervous System: nervousness, vertigo, depression, paresthesia.
Dermatologic: rash, pruritus, alopecia, lichen planus.
Genitourinary: urinary frequency, incontinence, impotence, priapism.
EENT: blurred vision, reddened sclera, epistaxis, tinnitus, dry mouth, nasal congestion.
Other: diaphoresis.
Single reports of pigmentary mottling and serous retinopathy, and a few reports of cataract development or disappearance have been reported. In these instances the exact causal relationship has not been established because the baseline observations were frequently inadequate.
In more specific slit-lamp and funduscopic studies, which included adequate baseline examinations, no drug-related abnormal ophthalmological findings have been reported.
DOSAGE AND ADMINISTRATION: The dose of MINIPRESS should be adjusted according to the patient's individual blood pressure response. The following is a guide to its administration:
Initial Dose: 1 mg two or three times a day. (See WARNINGS.)
Maintenance Dose: Dosage may be slowly increased to a total daily dose of 20 mg given in divided doses. The therapeutic dosages most commonly employed have ranged from 6 mg to 15 mg daily given in divided doses. Doses higher than 20 mg usually do not increase efficacy; however a few patients may benefit from further increases up to a daily dose of 40 mg given in divided doses. After initial titration some patients can be maintained adequately on a twice daily dosage regimen.
Use With Other Drugs: When adding a diuretic or other antihypertensive agent, the dose of MINIPRESS should be reduced to 1 mg or 2 mg three times a day and refitration then carried out.
OVERDOSAGE: Accidental ingestion of at least 50 mg of MINIPRESS in a two year old child resulted in profound drowsiness and depressed reflexes. No decrease in blood pressure was noted. Recovery was uneventful.
Should overdosage lead to hypotension, support of the cardiovascular system is of first importance. Restoration of blood pressure and normalization of heart rate may be accomplished by keeping the patient in the supine position. If this measure is inadequate, shock should first be treated with volume expanders. If necessary, vasopressors should then be used. Renal function should be monitored and supported as needed. Laboratory data indicate MINIPRESS is not dialysable because it is protein bound.
TOXICOLOGY: Testicular changes, necrosis and atrophy have occurred at 25 mg/kg/day (60 times the usual maximum recommended dose of 20 mg per day in humans) in long term (one year or more) studies in rats and dogs. No testicular changes were seen in rats or dogs at the 10 mg/kg/day level (24 times the usual maximum recommended dose of 20 mg per day in humans). In view of the testicular changes observed in animals, 105 patients on long term MINIPRESS (prazosin hydrochloride) therapy were monitored for 17-ketosteroid excretion and no changes indicating a drug effect were observed. In addition, 27 males on MINIPRESS (prazosin hydrochloride) alone for up to 51 months did not demonstrate changes in sperm morphology suggestive of drug effect.
HOW SUPPLIED: MINIPRESS is available in 1 mg (white #431), 2 mg (pink and white #437) capsules in bottles of 250, 1000, and unit dose institutional packages of 100 (10 x 10's); and 5 mg (blue and white #438) capsules in bottles of 250, 500 and unit dose institutional packages of 100 (10 x 10's).
More detailed information available on request.

References: 1. Lipson LG, Moore D, Pope AM et al: Sexual dysfunction in hypertensive diabetic men. *J Cardiovasc Med* (special suppl), April 1981, pp 30-37. **2.** Adapted from Kaplan NM: Summary. *J Cardiovasc Pharmacol* 4 (suppl 2): S265, 1982. **3.** Lund-Johansen P: Hemodynamic changes at rest and during exercise in long-term prazosin therapy for essential hypertension, in Prazosin Clinical Symposium Proceedings. Published as a special report by *Postgraduate Medicine*, New York, McGraw-Hill Book and Education Services Group, 1975, pp 45-52. **4.** Pitts NE: The clinical evaluation of prazosin, a new antihypertensive agent, in Prazosin Clinical Symposium Proceedings. Published as a special report by *Postgraduate Medicine*, New York, McGraw-Hill Book and Education Services Group, 1975, pp 117-127.

Pfizer **LABORATORIES DIVISION**
PFIZER INC.

Quintiliani R 10:114
Rachelefsky GS 13:128
Radkowski MA 16:68
Raffel L 10:151
Rainey TG 16:186
Ramzy AI 14:73
Ransler CW III 2:195
Rao PM 10:103
Rao PS 4:99
Rapp RP 16:82
Raskind W 17:55
Rasmus S 21:131
Raub J 20:141
Raval B 10:106
Rawlings CA 7:100
Rayburn PR 17:210
Rayburn WF 17:210
Redford DS 1:87
Reed JA 15:141
Reichman LB 3:159
Reiter D 1:120
Remington JS 12:151
Remington PL 21:103
Reynolds C 15:127
Ricci R 20:89
Rice BT 8:71
Rich D 14:117
Rich GH 2:91
Richard MT 9:192
Richardson CT 16:107
Richardson JD
Open pelvis fractures, **4**:57
Ventilatory support, **5**:221
Ridgeway RA 13:148
Ridgway EC 14:145
Riggins RS 16:191
Rish BL 9:97
Roach R 2:135
Roberge R 6:165
Roberts JW 2:159
Robertson B 21:143
Rockette HE 13:116
Rodman GH Jr 9:67
Rodriguez A 14:73
Rogers KD 13:116
Rogers LF 6:86
Roon AJ 18:71
Rosen MA 11:183
Rosenberg NM 6:157
Rosenstein R 12:93
Ross DL 8:160
Rosten M 12:93
Rotmensch HH
Arrhythmias in pregnancy, **13**:104
Refractory hypertension, **7**:103
Rowley DL 16:150
Roye DP 10:79
Rubenstein P 1:197
Rubin BK 20:141
Rubin W 13:29
Ruiz E
Endotracheal intubation, **6**:158
Urinary retention, **1**:110
Rumisek JD 6:106
Rumley TO 13:121
Running KR 15:107
Rush DS 21:135
Rusnak B 8:135
Russell FE
Bites and stings, **11**:122; **21**:11 (reply to letter)
Ryan W 18:61

S

Sadler R 21:149
Safai B 1:197
Sageman SL 18:167
Sahn SA 9:79
Salcman M 20:159
Salisbury RE 16:47
Sarkar DD 17:211
Saul TG 20:159
Sauvage LR 18:71
Sbarbaro JA 3:140
Schaumburg HH 21:131
Schechtman J 2:184
Scheiman MM 18:24
Scheulen JJ 3:108
Schietinger H 18:158
Schiller LR 13:83
Schmid GP 14:225
Schmidt DA 5:73
Schoene RB 2:135
Schonberger LB
Athlete's meningitis, **16**:150

Conjunctivitis, **12**:70
Schuffler MD 16:95
Schulman IC 13:281
Schultz MG 11:26
Schuman SH 17:216
Schwartz RH 1:11 (letter)
Schwarz RD 14:141
Sclafani SJA 20:27
Scott MP 19:122
Seelig MS 4:90
Seward J 19:104
Seward JB 8:50
Shackleton R 14:81
Shah PM 3:123
Shandler L 9:207
Shapiro GS 13:128
Shelley ED 12:165
Shelley WB 12:165
Shenkin HA 5:89
Shepard CC 7:89
Shepherd JH 4:99
Shoemaker N 16:186
Sider LE 6:85
Siegal FP 1:197
Silver DS 3:111
Silverman ME 14:257
Simmons VP 2:11 (letter)
Simon RR
Emergency tracheotomy, **11**:183
Inserting a chest tube, **10**:76
Sims JK 15:89
Singer JI 6:175
Singer SA 9:185
Sisson JC 15:83
Sklar VEF 12:70
Skrinskas GJ 15:235
Small J 21:143
Small P 8:151
Smazal SF 10:105
Smith A 8:135
Smith JL 10:151
Smith JP 6:81
Smith LG 8:56
Smith LR Jr 20:64
Smith M 8:56
Smith TH 5:164
Smith TW 13:281
Snider DE Jr 3:137
Snyder JR 20:92
Snyder WH III
Aortic rupture, **5**:80
Iliac injury, **18**:61
Sokolow M 18:56
Somers WJ 14:117
Sorbie J 11:210
Souma ML 5:67
Spence MR 10:151
Spence R 6:168
Spiegel CA 18:92
Spiegel PK 8:71
Spiegel RJ 3:73
Staats BA 19:99
Stahl WM 10:103
Stair TO
Malaria, **20**:89
Outpatient blood cultures, **17**:236
Stamm WE 15:107
Staten-McCormick M 20:131
Stead WW 3:131
Steere AC 14:225
Stefadouros MA
ECG, **1**:36
Noninvasive cardiac diagnosis, **1**:54
Stein JM
Emergency Procedures
A strategy for fluid resuscitation, **2**:126; **13**:11 (reply to letter)
Placing arterial lines, **9**:221
Stern HP 9:204
Stern L 17:196
Stiver G 4:82
Stoll BJ 14:236
Stonington DT 13:148
Stool SE 13:116
Stoughton WV 16:186
Strain JJ 10:74
Strong WB
Newborn cardiorespiratory distress, **17**:51
Young athletes' hearts, **15**:222
Stueven H 16:155
Sturm JT 9:75
Suarez CA 9:67
Sullivan SN 6:68
Sullivan TJ 7:47
Swan HJ 20:170
Swann KW 6:171
Swerdlow CD 8:160
Sze DY 8:160

T·U

Taeusch HW Jr 5:118
Tajik AJ 8:50
Taliferro EH 9:27
Tandberg D 14:105
Taschdjian CL 4:90
Taussig LM 16:134
Teets-Grimm KC 5:172
Tejani NA 5:66
Tepper FR 7:65
Thal ER 15:25
Thisted R 15:103
Thomas DM 11:116
Thompson BM
Calcium chloride in cardiac arrest, **16**:155
Precordial thump, **15**:239
Thompson CT 8:24
Thompson JC 16:113
Thompson JD 6:158
Thompson TR 9:123
Tibbs PA 16:82
Tomlanovich MC 17:211
Tooley WH 5:137
Totten PA 18:92
Touloukian RJ 12:66
Trauner DA 14:87
Tremper KK
Blood substitute, **6**:168
Transcutaneous oxygen monitoring, **21**:149
Tresch D 15:239
Trobaugh GB 8:49
Trosky SK 4:82
Troster M 6:68
Trunkey DD
Abdominal trauma, **15**:25
Aortic rupture, **5**:77
Turck M 15:107
Tuttelman C 20:141
Twarog FJ 8:123
Twyman D 16:82
Uhlenhuth EH 5:167
Urbanowicz GR 18:11 (letter)

continued

Lasix® (furosemide)

A brief summary of the Prescribing Information for Lasix (furosemide) Tablets 20, 40 and 80 mg.

WARNING: Lasix (furosemide) is a potent diuretic which, if given in excessive amounts, can lead to a profound diuresis with water and electrolyte depletion. Therefore, careful medical supervision is required, and dose and dose schedule have to be adjusted to the individual patient's needs.

INDICATIONS: Edema associated with congestive heart failure, cirrhosis of the liver, and renal disease, including the nephrotic syndrome. Hypertension when used alone or in combination with other antihypertensive drugs; patients not adequately controlled with thiazides also probably will not be adequately controlled with furosemide alone.

CONTRAINDICATIONS: Anuria. History of hypersensitivity to the compound.

WARNINGS: Excessive diuresis may result in dehydration and reduction in blood volume, with circulatory collapse and with the possibility of vascular thrombosis and embolism, particularly in elderly patients. Excessive loss of potassium in patients receiving digitalis glycosides may precipitate digitalis toxicity. Exercise care in patients receiving potassium-depleting steroids. Perform frequent serum electrolyte, CO_2, and BUN determinations during first few months of therapy and periodically thereafter, and correct abnormalities or temporarily withdraw the drug. Initial therapy of patients with hepatic cirrhosis and ascites is best carried out in the hospital. Closely observe cirrhotic patients for sudden fluid and electrolyte imbalances that may precipitate hepatic coma. Supplemental potassium chloride and, if required, an aldosterone antagonist are helpful in preventing hypokalemia and metabolic alkalosis. Discontinue furosemide if increasing azotemia and oliguria occur during treatment of severe, progressive renal disease. Observe patients regularly for possible blood dyscrasias, liver damage, or other idiosyncratic reactions. Patients with known sulfonamide sensitivity may show allergic reactions. Furosemide may potentiate the therapeutic effect of other antihypertensive agents. Potentiation occurs with ganglionic or peripheral adrenergic blocking drugs. Exacerbation or activation of systemic lupus erythematosus may occur. Furosemide appears in breast milk. If use of the drug is essential, the patient should stop nursing. Cases of tinnitus and reversible hearing impairment have been reported.

There have also been some reports of cases in which irreversible hearing impairment occurred. Usually ototoxicity has been reported when furosemide was injected rapidly in patients with severe impairment of renal function at doses exceeding several times the usual recommended dose and in whom other drugs known to be ototoxic were given. If the physician elects to use high-dose parenteral therapy in patients with severely impaired renal function, controlled intravenous infusion is advisable. (For adults, an infusion rate not exceeding 4 mg furosemide per minute has been used.)

PRECAUTIONS: As with any effective diuretic, electrolyte depletion may occur, especially in patients receiving higher doses and a restricted salt intake. Patients receiving furosemide should be observed for clinical signs of fluid or electrolyte imbalance, namely, hyponatremia, hypochloremic alkalosis, and hypokalemia. Serum and urine electrolyte determinations are particularly important when the patient is vomiting excessively or receiving parenteral fluids. Medication such as digitalis may also influence serum electrolytes. Hypokalemia may develop with furosemide as with any other potent diuretic, especially with brisk diuresis, when cirrhosis is present, or during concomitant use of corticosteroids or ACTH. Interference with adequate oral electrolyte intake will also contribute to hypokalemia. Digitalis may exaggerate metabolic effects of hypokalemia, especially with reference to myocardial activity. Asymptomatic hyperuricemia can occur and gout may rarely be precipitated. Increases in blood glucose and alterations in glucose tolerance tests with abnormalities of the fasting and two-hour postprandial sugar have been observed, and rare cases of precipitation of diabetes mellitus have been reported. Furosemide may lower serum calcium levels, and rare cases of tetany have been reported. Periodic serum calcium levels should be obtained. Reversible elevations of BUN may be seen. These have been observed in association with dehydration, which should be avoided, particularly in patients with renal insufficiency. Patients receiving high doses of salicylates in conjunction with furosemide may experience salicylate toxicity at lower doses because of competitive renal excretory sites. Furosemide has a tendency to antagonize the effects of tubocurarine and may potentiate the action of succinylcholine. Lithium generally should not be given with diuretics because they reduce its renal clearance and add a high risk of lithium toxicity. Diuretics such as furosemide may enhance the nephrotoxicity of cephaloridine. Therefore, furosemide and cephaloridine should not be administered simultaneously. Furosemide may decrease arterial responsiveness to norepinephrine. This diminution is not sufficient to preclude effectiveness of the pressor agent for therapeutic use. It has been reported in the literature that coadministration of indomethacin may reduce the natriuretic and antihypertensive effects of Lasix (furosemide) in some patients. This effect has been attributed to inhibition of prostaglandin synthesis by indomethacin. Indomethacin may also affect plasma renin levels and aldosterone excretion; this should be borne in mind when a renin profile is evaluated in hypertensive patients. Patients receiving both indomethacin and Lasix (furosemide) should be observed closely to determine if the desired diuretic and/or antihypertensive effect of Lasix (furosemide) is achieved.

PREGNANCY: Pregnancy Category C. Furosemide has been shown to cause unexplained maternal deaths and abortions in rabbits at 2, 4 and 8 times the human dose. There are no adequate and well-controlled studies in pregnant women. Furosemide should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

ADVERSE REACTIONS: Anorexia, oral and gastric irritation, nausea, vomiting, cramping, diarrhea, constipation, jaundice (intrahepatic jaundice), pancreatitis, dizziness, vertigo, paresthesias, headache, xanthopsia, blurred vision, tinnitus and hearing loss, anemia, leukopenia, agranulocytosis (rare), thrombocytopenia, aplastic anemia (rare), purpura, photosensitivity, rash, urticaria, necrotizing angiitis (vasculitis, cutaneous vasculitis), exfoliative dermatitis, erythema multiforme, pruritus. Orthostatic hypotension may occur and may be exaggerated by alcohol, barbiturates, or narcotics. Other adverse reactions include hyperglycemia, glycosuria, hyperuricemia, muscle spasm, weakness, restlessness, urinary bladder spasm, thrombophlebitis.

HOECHST-ROUSSEL
PHARMACEUTICALS INCORPORATED
SOMERVILLE, NEW JERSEY 08876

066344-383

Hoechst

INDEX 1983 *continued*

VW

Vanderzalm T 17:78
Vandiviere HM 3:137
VanLandingham S 2:159
Varkey B 3:131
Vercellotti GM 6:168
Versmold HT 5:137
Vicario S 11:116
Vick N 21:131
Vlasses PH 7:103
Vranesich P 6:157
Wachtel A 15:127
Wagner DWE 5:9
Wahl JW 5:57
Wald ER 18:94
Waldman D 14:81
Walker EM 9:197
Wallace JJ 1:197
Walton JA Jr 17:234
Warady BA 5:164
Ward RE 1:96
Warden GD
Burn pain relief, **15**:141
Nutrition in burns, **16**:52
Respiratory burns, **15**:167
Waterman SH 8:89
Watkins LO 2:40
Waxman KS 21:149
Weaver DW 15:87
Weaver WD 5:161
Webb WR 20:107
Weber C 9:27
Weber HP 3:197
Weber JR 20:13
Weg JG 3:140
Weigelt JA 10:53
Weiker GG 14:152
Wein K 18:166
Weinberger JM 4:63
Weiner SR 12:119
Weinstein L 3:11 (reply to letter)
Weinstein L 8:43
Weinstein RA 21:69
Weisman R 8:57
Weiss GH 9:94
Weiss KJ 9:213
Weiss R 17:234
Wellman J 9:204
Wenger TL 13:281
Werner JA 8:49
Wesley RE 5:57
Whisler WW 15:103
Whiting DW 21:145
Wicks JD 12:139
Widell EH 15:103
Wilberger JE Jr 19:72
Williams MH Jr
Asthma, **2**:11 (reply to letter); **5**:13 (reply to letter)
Wilson RF 9:240
Wiltse LL 15:103
Winant JG Jr 10:96
Windebank A 21:131
Winkle RA 8:160
Wise GJ 4:90
Witherup M 21:143
Wolff LJ 8:84
Wolinsky H 11:61
Wolkove N 9:19
Wong LMF 15:89
Woo OF 19:104
Wood JH 15:231
Wort AJ 6:184
Wrobel S 12:75

YZ

Yaffe SJ 1:11 (reply to letter)
Yanowitz FG 17:233
Yeatman E 13:281
Yee MH 20:150
Yik KY 6:68
Ying Y-K 5:66
Young B 16:82
Young JC 14:81
Zacherle BJ 3:111
Zavala M 5:89
Zeccardi JA 9:213
Zechnich R 6:11 (letter)
Zelen M 16:186
Zervas N 6:172
Ziegler JL 14:225
Zucker AR 13:287